

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: P1306159 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-1S-CV5-A**

Issue Date: 2/3/2026

Test Information

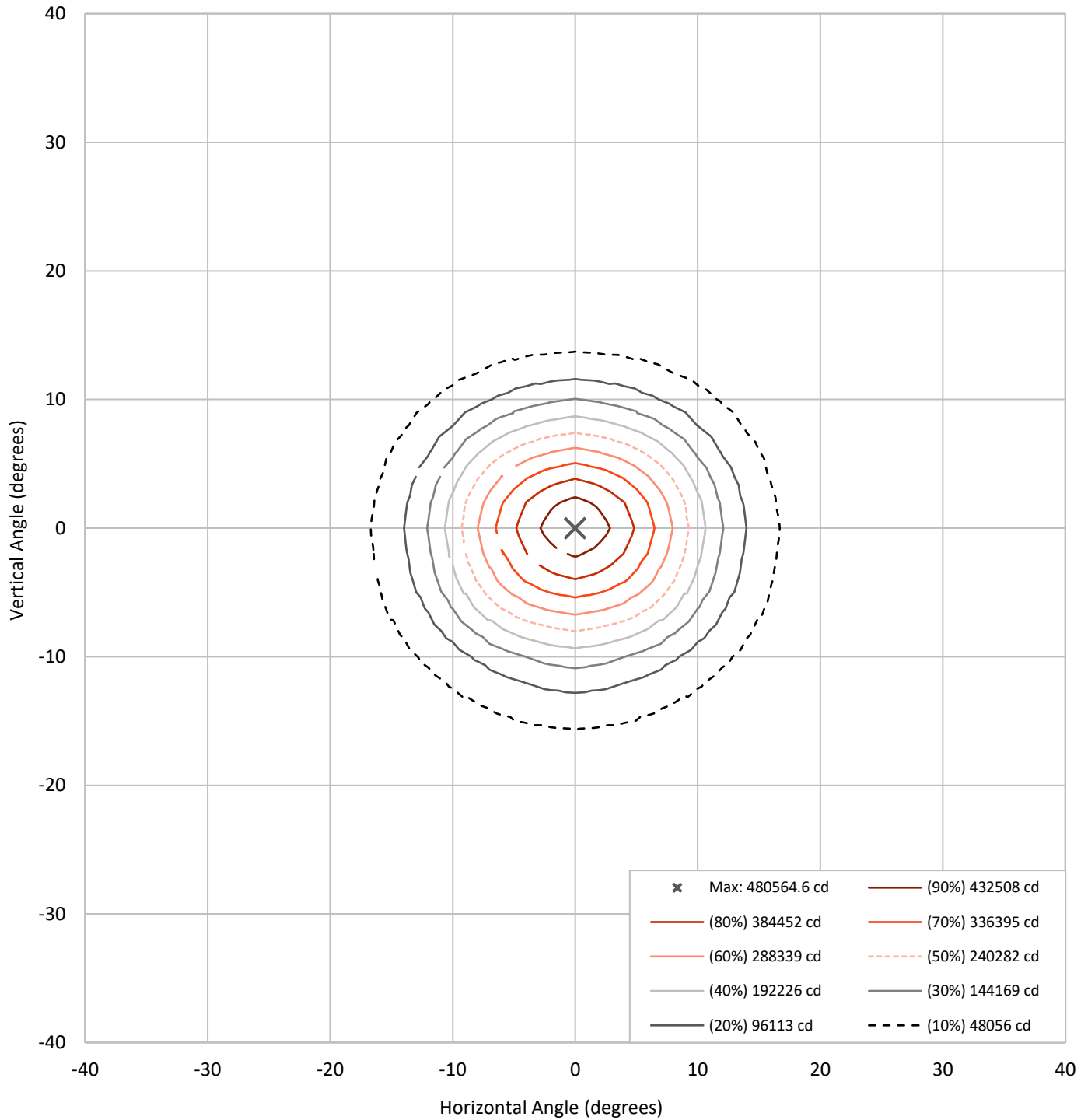
Test Method: LM-79-08
Report Number: P1306159 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-1S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 1S 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:	49406.6 lumens	Max Intensity:	480564.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.6°H x 15.4°V	Field Angle (10%):	33.2°H x 29.1°V
Beam Lumens:	22785.7 lumens	Field Lumens:	42037.3 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	566		
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





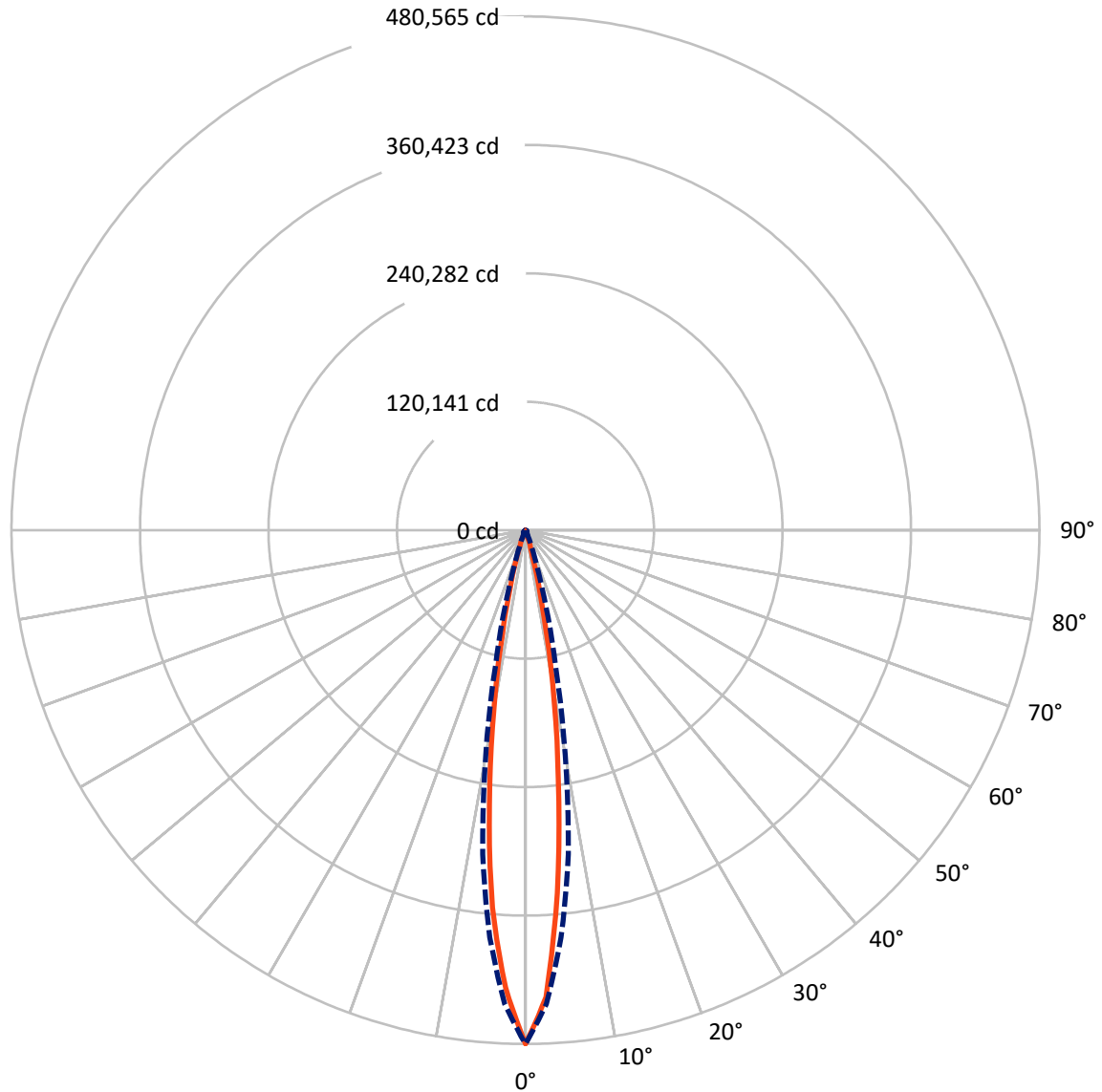
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Lumen Table

90	0.1	0.4		0.5		0.6		0.7		0.6		0.5		0.4		0.1
80	0.1	0.4		0.5		0.6		0.7		0.6		0.5		0.4		0.1
70	0.2	0.1	0.2	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.5	0.2	0.1	0.2
60		0.1	0.3	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.5	0.3	0.1	
50	0.2	0.2	0.4	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.4	0.2	0.2
40		0.3	0.5	0.7	1.3	1.8	1.9	2.2	2.2	1.9	1.8	1.3	0.7	0.5	0.3	
30	0.3	0.4	1.2	2.9	5.5	6.3	8.9	17.9	17.9	8.9	6.3	5.5	2.9	1.2	0.4	0.3
20		1.0	4.0	13.5	25.1	33.4	247.7	1031.7	1031.7	247.7	33.4	25.1	13.5	4.0	1.0	
10	0.3	1.6	7.9	33.9	55.0	124.9	1817.4	7875.0	7875.0	1817.4	124.9	55.0	33.9	7.9	1.6	0.3
0		2.0	9.3	39.1	64.4	128.0	1950.4	8231.2	8231.2	1950.4	128.0	64.4	39.1	9.3	2.0	
-10	0.4	2.1	8.1	29.5	53.2	58.5	415.9	1615.7	1615.7	415.9	58.5	53.2	29.5	8.1	2.1	0.4
-20		2.1	7.0	16.6	42.8	49.5	54.6	106.3	106.3	54.6	49.5	42.8	16.6	7.0	2.1	
-30	0.4	1.8	5.9	10.5	26.2	49.5	57.8	58.4	58.4	57.8	49.5	26.2	10.5	5.9	1.8	0.4
-40		1.2	4.4	9.1	14.2	25.0	42.2	55.3	55.3	42.2	25.0	14.2	9.1	4.4	1.2	
-50	0.3	0.6	2.5	5.9	10.6	14.7	17.3	19.3	19.3	17.3	14.7	10.6	5.9	2.5	0.6	0.3
-60		0.3	0.8	2.4	4.7	7.3	9.7	11.5	11.5	9.7	7.3	4.7	2.4	0.8	0.3	
-70	0.2	0.6	2.5	5.9	10.6	14.7	17.3	19.3	19.3	17.3	14.7	10.6	5.9	2.5	0.6	0.2
-80		0.3	0.8	2.4	4.7	7.3	9.7	11.5	11.5	9.7	7.3	4.7	2.4	0.8	0.3	
-90	0.2	0.8		2.2		5.2		8.7		5.2		2.2		0.8		0.2

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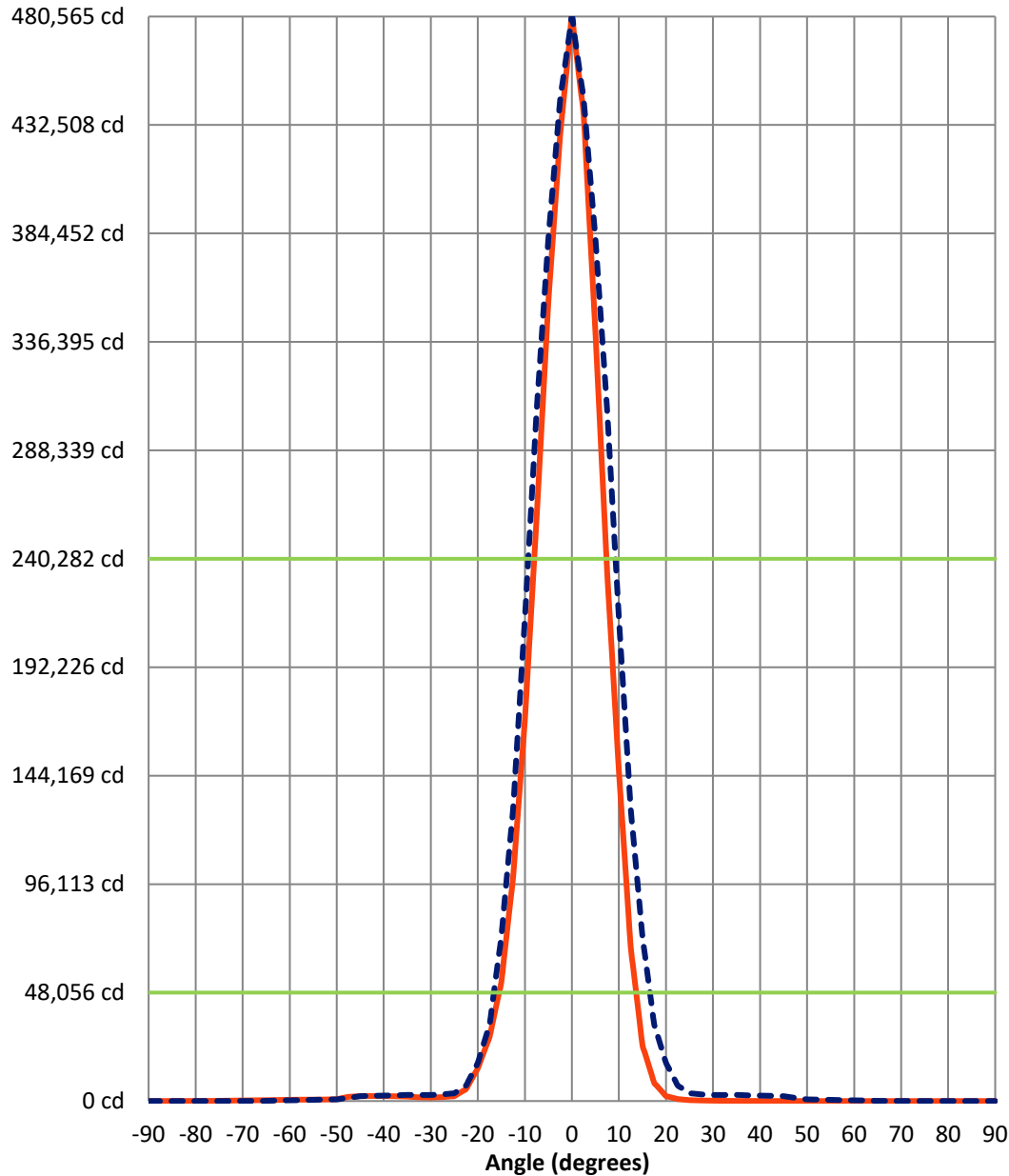
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.6°
 V Angle: 15.4°
 Lumens: 22785.7
 Efficiency: 46.1%

Field:
 H Angle: 33.2°
 V Angle: 29.1°
 Lumens: 42037.3
 Efficiency: 85.1%

Spill:
 Lumens: 7369.3
 Efficiency: 14.9%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	6.1	6.1	6.1	6.4	6.7	7.0	7.3	7.3	7.3	7.3	7.3
87.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
85°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
82.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
80°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
77.5°	6.1	6.1	6.1	6.1	6.1	6.2	6.1	6.1	6.1	6.1	6.1
75°	6.1	6.1	6.1	6.1	6.1	6.3	6.2	6.1	6.1	6.2	6.1
72.5°	6.1	6.1	6.1	6.1	6.4	6.5	6.2	6.2	6.4	6.4	6.2
70°	6.1	6.1	6.1	6.1	6.6	6.7	6.4	6.5	6.6	6.6	6.7
67.5°	6.1	6.1	6.1	6.4	6.9	6.9	6.7	6.8	6.9	7.0	7.2
65°	6.1	6.1	6.1	6.6	7.1	7.1	7.1	7.1	7.3	7.5	7.6
62.5°	6.1	6.1	6.1	6.9	7.4	7.4	7.4	7.5	7.8	8.0	7.8
60°	6.1	6.1	6.1	7.2	7.7	7.7	7.8	7.9	8.2	8.2	8.0
57.5°	6.1	6.1	6.3	7.4	7.9	8.0	8.2	8.3	8.6	8.6	8.5
55°	6.1	6.1	6.4	7.7	8.1	8.3	8.6	8.7	8.9	9.0	9.1
52.5°	6.1	6.1	6.6	8.0	8.4	8.6	9.1	9.3	9.3	9.5	9.7
50°	6.1	6.1	6.7	8.2	8.6	9.0	9.5	9.8	9.8	10.0	11.2
47.5°	6.1	6.1	6.9	8.5	8.8	9.4	10.0	10.4	10.2	10.5	12.7
45°	6.1	6.1	7.0	8.7	9.1	9.8	10.6	11.1	10.9	11.8	14.1
42.5°	6.1	6.1	7.1	8.8	9.3	10.3	11.3	11.9	11.8	12.9	15.6
40°	6.1	6.1	7.2	8.9	9.6	10.7	11.9	12.6	12.9	14.1	16.8
37.5°	6.1	6.1	7.3	8.9	9.9	11.1	12.6	13.5	14.2	15.7	17.9
35°	6.1	6.1	7.3	9.0	10.2	11.7	13.3	14.4	15.6	17.4	18.6
32.5°	6.1	6.1	7.4	9.0	10.6	12.2	14.1	15.3	17.0	19.4	20.6
30°	6.1	6.1	7.5	9.0	10.9	12.8	14.8	16.3	18.3	21.4	23.0
27.5°	6.1	6.1	7.5	9.0	11.0	13.4	15.6	17.5	19.7	23.6	25.5
25°	6.1	6.1	7.5	9.0	11.0	14.0	16.4	18.6	21.5	25.8	28.4
22.5°	6.1	6.1	7.5	9.0	11.0	14.4	17.2	19.6	23.3	28.1	32.8
20°	6.1	6.1	7.5	9.0	11.0	14.3	18.1	20.6	25.2	30.5	37.5
17.5°	6.1	6.1	7.5	9.0	10.9	14.2	18.2	21.6	27.0	33.0	42.4
15°	6.1	6.1	7.5	8.9	10.8	14.1	17.9	22.1	28.9	35.6	47.5
12.5°	6.1	6.1	7.5	8.9	10.7	13.9	17.5	21.7	29.7	38.2	52.7
10°	6.1	6.1	7.5	8.9	10.5	13.6	17.0	21.4	29.7	39.4	57.7
7.5°	6.1	6.1	7.4	8.8	10.4	13.3	16.5	21.0	29.5	40.4	62.2
5°	6.1	6.1	7.4	8.7	10.2	13.0	15.9	20.6	29.2	41.3	66.7
2.5°	6.1	6.1	7.4	8.7	10.0	12.6	15.3	20.1	28.7	42.2	70.9
0°	6.1	6.1	7.3	8.6	9.8	12.2	14.7	19.6	28.1	42.8	74.6
-2.5°	6.1	6.1	7.3	8.6	9.9	12.3	15.3	21.7	33.1	51.2	86.2
-5°	6.1	6.2	7.3	8.6	10.0	12.4	15.9	23.6	37.9	59.2	97.0
-7.5°	6.1	6.2	7.3	8.6	10.1	12.5	16.5	25.4	42.2	66.6	106.8
-10°	6.1	6.2	7.3	8.5	10.1	12.5	16.9	26.9	46.0	73.2	115.5
-12.5°	6.1	6.2	7.3	8.5	10.2	12.6	17.2	28.1	49.1	79.1	123.7
-15°	6.1	6.3	7.2	8.5	10.2	12.6	17.5	28.9	52.3	85.2	130.9
-17.5°	6.1	6.3	7.2	8.4	10.2	12.6	17.5	30.3	55.7	90.2	136.5
-20°	6.1	6.3	7.2	8.4	10.1	12.5	17.8	31.9	58.2	94.1	140.4



REPORT NUMBER: P1306159 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.1	6.3	7.2	8.3	10.1	12.4	18.3	32.8	59.6	96.9	142.5
-25°	6.1	6.3	7.2	8.2	10.0	12.5	18.5	32.9	59.9	98.4	142.7
-27.5°	6.1	6.3	7.2	8.2	9.9	12.7	18.3	32.2	59.1	98.7	143.8
-30°	6.1	6.4	7.1	8.1	9.7	12.7	17.9	30.6	57.9	97.6	143.5
-32.5°	6.1	6.4	7.1	8.0	9.7	12.7	17.0	29.7	56.2	94.8	141.4
-35°	6.1	6.4	7.1	7.9	9.6	12.6	16.7	28.8	53.1	90.4	137.6
-37.5°	6.1	6.4	7.1	7.8	9.6	12.5	16.5	27.2	48.8	84.3	127.2
-40°	6.1	6.4	7.1	7.7	9.5	12.4	16.3	25.1	43.2	77.8	115.2
-42.5°	6.1	6.4	7.1	7.6	9.4	12.2	15.9	22.4	39.0	68.3	102.0
-45°	6.1	6.4	7.1	7.6	9.3	12.0	15.5	20.4	35.3	57.6	88.0
-47.5°	6.1	6.4	7.1	7.5	9.3	11.7	14.9	19.6	30.8	46.3	75.2
-50°	6.1	6.4	7.1	7.6	9.2	11.4	14.5	18.8	25.1	39.8	61.4
-52.5°	6.1	6.4	7.1	7.6	9.1	11.1	14.0	17.8	22.3	33.0	47.6
-55°	6.1	6.4	7.1	7.6	9.0	10.9	13.5	16.7	20.7	25.8	39.4
-57.5°	6.1	6.4	7.1	7.7	8.8	10.7	13.0	16.0	19.1	22.7	30.9
-60°	6.1	6.4	7.1	7.7	8.7	10.4	12.4	15.2	17.5	20.8	24.2
-62.5°	6.1	6.3	7.1	7.7	8.6	10.1	12.1	14.3	16.5	18.8	22.0
-65°	6.1	6.3	7.0	7.6	8.5	9.9	11.7	13.4	15.4	17.5	19.8
-67.5°	6.1	6.3	6.9	7.6	8.4	9.6	11.2	12.8	14.3	16.2	18.2
-70°	6.1	6.3	6.9	7.6	8.3	9.3	10.8	12.2	13.6	15.0	16.8
-72.5°	6.1	6.3	6.8	7.5	8.1	9.0	10.3	11.6	12.9	14.2	15.4
-75°	6.1	6.2	6.7	7.3	7.9	8.7	9.8	10.9	12.1	13.3	14.5
-77.5°	6.1	6.2	6.6	7.2	7.7	8.4	9.2	10.2	11.2	12.4	13.5
-80°	6.1	6.2	6.5	7.0	7.5	8.1	8.6	9.4	10.2	11.2	12.2
-82.5°	6.1	6.2	6.4	6.9	7.3	7.8	8.3	8.7	9.3	10.0	10.7
-85°	6.1	6.2	6.3	6.7	7.1	7.5	8.0	8.3	8.6	9.0	9.4
-87.5°	6.1	6.1	6.2	6.6	6.9	7.3	7.6	7.8	7.9	8.1	8.4
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1



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 CATALOG NUMBER: EPH-08-530N-40-80-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.3	7.3	7.3	7.3	7.6	8.0	8.3	8.6	8.6	8.6	8.6
87.5°	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.7	3.7	3.7
85°	5.8	5.5	5.2	4.9	4.7	4.5	4.3	4.2	4.1	4.0	3.9
82.5°	5.8	5.5	5.2	4.9	4.9	4.9	4.9	4.9	4.6	4.3	4.0
80°	5.8	5.5	5.4	5.3	5.3	5.3	5.1	4.9	4.7	4.4	4.3
77.5°	5.9	5.8	5.8	5.9	5.9	5.7	5.6	5.6	5.5	5.4	5.2
75°	6.0	6.1	6.2	6.1	6.0	6.0	6.1	6.1	6.0	5.9	5.9
72.5°	6.3	6.4	6.4	6.2	6.1	6.1	6.1	6.1	6.8	8.0	8.9
70°	6.8	6.8	6.6	6.3	6.1	6.5	7.8	9.5	11.2	12.8	15.0
67.5°	7.2	6.9	6.6	6.6	7.6	9.1	11.0	15.5	20.9	23.2	24.2
65°	7.3	7.0	7.3	8.3	9.6	12.9	17.7	24.1	30.9	32.1	31.3
62.5°	7.4	7.7	8.5	10.2	12.9	17.2	23.4	30.5	38.3	38.4	33.5
60°	7.9	8.4	10.3	13.1	16.2	21.0	28.1	33.6	39.3	41.6	31.7
57.5°	8.6	9.9	12.7	16.1	20.0	23.5	27.4	32.7	35.0	34.9	25.7
55°	9.7	11.9	15.4	19.6	22.5	21.8	24.4	26.2	26.6	24.8	17.9
52.5°	11.6	14.1	18.6	22.2	22.8	20.6	19.1	20.0	18.8	16.0	14.0
50°	13.4	17.0	21.5	23.8	22.5	18.5	15.2	15.3	14.5	13.2	11.9
47.5°	15.5	19.6	23.9	24.9	20.7	17.6	14.7	13.6	13.0	12.5	11.5
45°	17.5	21.5	26.0	23.3	20.0	18.2	16.0	13.4	13.4	13.1	13.0
42.5°	19.2	23.0	24.8	21.8	21.4	20.0	18.1	15.7	14.7	15.3	15.6
40°	20.3	24.1	23.9	23.9	23.4	22.7	21.4	19.5	17.4	18.7	19.5
37.5°	21.0	23.9	24.6	27.2	26.4	26.2	25.3	25.5	24.1	23.3	26.2
35°	21.5	24.5	28.7	31.8	31.4	30.4	32.0	32.9	32.4	31.5	36.1
32.5°	22.1	25.7	33.8	37.2	38.5	37.8	39.8	41.7	43.7	46.1	53.5
30°	24.5	30.4	39.7	43.4	47.2	51.6	50.6	52.1	57.5	74.9	91.1
27.5°	29.1	36.6	45.5	51.6	58.4	68.6	70.8	68.2	84.8	112.5	141.4
25°	34.5	55.1	51.8	61.2	74.9	89.0	96.6	102.6	125.3	165.8	196.1
22.5°	44.9	79.5	79.0	71.9	93.6	112.5	130.9	171.4	229.0	247.4	253.4
20°	62.9	104.0	111.6	114.1	121.5	138.9	170.0	265.3	380.4	423.8	377.4
17.5°	84.1	130.7	147.6	166.2	188.9	194.0	220.6	378.3	568.9	634.0	634.3
15°	107.7	159.3	185.8	223.4	260.7	284.3	372.2	562.9	772.7	876.0	935.0
12.5°	133.0	189.3	225.7	284.6	336.1	377.5	569.4	873.4	1068.6	1158.7	1330.7
10°	159.1	220.2	266.7	348.3	413.9	472.6	791.1	1204.7	1394.9	1483.1	1679.6
7.5°	185.1	249.0	306.6	413.3	493.0	568.3	1027.1	1547.0	1709.7	1788.3	1948.4
5°	210.0	274.6	338.3	462.6	555.5	646.7	1241.2	1888.0	2014.8	2078.2	2168.5
2.5°	233.0	298.8	368.7	507.0	605.6	696.2	1334.3	2037.7	2176.8	2271.9	2349.0
0°	253.0	321.5	397.3	547.7	652.8	742.0	1402.2	2161.3	2308.0	2421.7	2514.6
-2.5°	254.0	326.3	406.7	546.0	642.3	734.7	1337.3	2133.3	2353.0	2523.6	2662.9
-5°	251.6	329.1	413.6	540.7	629.3	723.7	1251.9	2066.3	2362.2	2543.9	2686.1
-7.5°	246.6	329.8	417.6	531.2	610.0	695.8	1177.3	1929.5	2255.4	2411.0	2562.1
-10°	240.0	327.9	411.6	509.1	582.2	657.5	1082.5	1770.4	2145.9	2279.6	2419.9
-12.5°	234.3	324.1	402.8	487.3	554.0	618.1	958.3	1595.4	2037.4	2153.9	2265.9
-15°	227.6	319.1	392.8	467.0	526.1	578.4	803.4	1410.3	1931.4	2062.1	2148.8
-17.5°	220.5	312.9	382.0	449.1	499.0	539.0	619.9	1187.8	1754.9	1954.2	2055.5
-20°	213.4	305.9	370.7	434.7	473.5	511.2	565.4	961.1	1479.6	1823.8	1953.2



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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°	206.7	298.1	359.6	420.0	459.8	493.4	536.7	740.4	1188.9	1676.4	1832.5
-25°	204.3	286.1	348.8	405.8	449.8	476.4	507.1	555.1	920.4	1383.7	1696.8
-27.5°	203.6	276.1	336.1	390.8	441.8	462.0	485.5	522.1	709.2	1083.4	1529.5
-30°	200.5	261.7	322.0	375.1	426.5	453.9	468.7	497.6	547.8	835.3	1201.2
-32.5°	191.2	246.4	305.2	358.3	408.3	449.0	460.4	484.8	521.8	604.0	900.9
-35°	179.6	232.0	287.0	340.2	389.6	434.9	460.3	474.7	499.5	538.7	672.1
-37.5°	168.6	216.5	268.2	320.4	368.7	414.6	458.8	471.6	488.2	516.1	567.0
-40°	155.9	200.0	249.8	299.3	346.0	391.4	435.0	472.0	482.0	510.3	545.8
-42.5°	141.4	184.0	230.7	277.1	320.7	365.2	409.1	450.5	489.4	508.8	536.2
-45°	125.4	166.0	210.6	252.0	292.8	336.4	379.2	422.2	472.4	517.5	535.9
-47.5°	108.1	146.3	187.9	225.2	263.2	303.6	346.5	391.9	442.2	492.2	543.8
-50°	90.4	125.6	161.8	197.1	232.0	269.0	308.5	356.3	404.4	454.3	504.3
-52.5°	74.0	103.5	136.0	168.5	200.5	233.0	270.9	314.1	360.5	408.4	452.7
-55°	56.8	83.1	109.5	139.5	169.4	198.4	231.9	270.9	311.1	355.2	395.4
-57.5°	44.1	62.4	85.3	109.7	137.4	165.4	195.9	227.1	262.9	299.9	333.1
-60°	34.1	46.0	62.4	83.1	104.4	130.9	159.5	188.0	216.8	244.1	272.4
-62.5°	25.2	34.6	44.9	58.1	76.6	96.3	120.7	146.8	173.1	196.2	216.9
-65°	22.7	25.3	32.5	41.7	50.4	67.8	86.2	104.6	127.2	147.5	166.4
-67.5°	20.1	22.5	24.8	28.4	36.6	45.6	55.0	71.2	87.3	101.3	115.3
-70°	18.4	19.8	21.7	23.8	26.0	30.2	38.1	46.4	54.7	64.4	76.6
-72.5°	16.8	18.1	19.3	20.5	22.5	24.7	27.0	29.5	34.3	40.8	47.6
-75°	15.4	16.3	17.4	18.5	19.7	21.1	22.6	24.5	26.5	28.2	29.7
-77.5°	14.2	14.9	15.6	16.5	17.4	18.5	19.6	20.7	21.9	23.2	24.6
-80°	12.8	13.4	13.9	14.4	15.1	15.8	16.6	17.4	18.0	18.6	19.4
-82.5°	11.2	11.6	12.0	12.4	12.8	13.1	13.5	14.0	14.2	14.4	14.7
-85°	9.6	9.8	10.1	10.3	10.6	10.8	11.1	11.3	11.2	11.1	11.0
-87.5°	8.5	8.5	8.6	8.7	8.9	9.1	9.3	9.4	9.3	9.1	8.8
-90°	5.8	5.5	5.2	4.9	4.6	4.3	4.0	3.7	3.7	3.7	3.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.6	8.6	8.6	8.6	8.6	11.9	15.3	18.6	22.0	30.2	38.5
87.5°	3.7	3.4	3.1	2.7	2.4	2.1	1.8	1.5	1.2	1.2	1.2
85°	3.7	3.4	3.1	2.7	2.4	2.4	2.3	2.3	2.3	2.1	1.8
82.5°	3.7	3.6	3.4	3.4	3.3	3.2	2.9	2.7	2.4	2.1	1.8
80°	4.1	4.0	4.0	3.9	3.7	3.4	3.1	2.8	2.4	2.4	2.4
77.5°	5.1	4.9	4.6	4.2	3.8	3.6	3.5	3.5	3.5	3.3	3.0
75°	6.0	5.9	5.8	5.5	5.0	4.9	4.9	4.8	4.7	4.5	4.2
72.5°	9.7	9.8	9.4	9.1	8.3	8.0	8.1	8.0	7.8	7.7	7.6
70°	16.2	16.4	15.9	14.6	12.8	11.5	11.0	10.5	9.8	9.9	10.5
67.5°	23.4	21.7	20.0	18.0	15.4	13.4	12.5	11.5	10.3	9.7	9.5
65°	28.3	22.5	19.2	16.9	15.5	14.0	12.4	11.0	9.6	8.7	8.3
62.5°	27.1	19.2	15.7	14.1	12.9	11.8	10.3	8.9	7.6	6.9	6.8
60°	23.2	16.0	12.3	11.0	9.8	8.7	7.8	7.1	6.5	6.2	6.5
57.5°	18.1	12.6	9.7	9.2	8.6	7.7	7.2	7.0	6.6	6.1	6.5
55°	13.3	11.1	9.8	9.4	9.1	8.8	8.3	7.7	7.3	6.9	7.1
52.5°	11.5	10.8	10.7	10.6	9.9	9.2	8.6	8.4	8.3	8.1	8.3
50°	11.2	11.1	11.1	10.8	10.2	9.9	9.7	9.6	9.5	9.4	9.5
47.5°	11.5	11.6	11.6	11.1	10.9	11.1	11.0	10.9	11.1	11.2	11.4
45°	12.6	13.0	13.1	13.2	12.9	13.3	13.3	13.2	15.2	15.4	14.5
42.5°	15.3	16.9	18.1	17.6	16.1	19.3	24.1	26.2	24.1	21.0	18.9
40°	21.7	23.8	24.6	26.3	32.7	37.6	33.1	28.5	26.6	28.2	29.6
37.5°	30.4	33.1	40.9	50.7	47.1	38.3	39.3	39.7	38.8	41.4	41.7
35°	44.5	57.1	66.4	63.4	59.0	58.1	60.2	60.9	55.0	57.7	58.6
32.5°	71.3	86.6	87.3	83.4	85.6	86.0	92.0	88.0	82.9	85.4	92.2
30°	103.0	118.1	123.6	116.6	103.6	110.9	117.1	115.2	118.7	129.2	140.3
27.5°	152.4	162.2	171.4	157.2	131.5	142.8	147.1	142.7	167.1	180.2	206.2
25°	211.4	222.6	229.7	217.8	200.1	190.9	204.8	215.2	245.0	274.0	314.7
22.5°	275.7	305.6	314.1	283.1	283.1	283.0	288.4	323.7	363.8	427.7	535.1
20°	350.6	410.0	457.4	426.1	385.7	412.9	446.6	490.0	604.1	894.4	1224.4
17.5°	616.0	574.4	661.8	664.7	606.7	670.2	791.2	946.9	1428.4	2909.1	3879.6
15°	1048.3	1004.3	950.0	952.8	1010.0	1134.6	1382.2	2244.3	4371.1	7531.2	10797.0
12.5°	1489.5	1423.7	1343.6	1322.4	1447.3	1698.2	2866.2	6413.8	11421.6	16875.0	30864.1
10°	1837.7	1802.6	1728.8	1783.9	1992.7	2729.5	5118.0	11271.1	21604.7	39671.7	61964.5
7.5°	2042.0	2028.6	2048.5	2210.4	2550.7	4490.6	9742.2	18888.5	35917.0	63295.3	103457.9
5°	2247.0	2258.2	2318.5	2541.2	2976.8	5712.0	13749.9	26248.0	52005.3	92249.8	154444.4
2.5°	2474.3	2484.6	2565.7	2846.0	3344.5	5902.9	14703.8	30934.9	65938.2	118676.2	201119.5
0°	2735.8	2677.2	2701.6	2957.1	3471.8	6884.9	16968.9	33923.1	72976.8	129653.4	213741.0
-2.5°	2828.7	2703.2	2680.2	2896.0	3347.2	6101.2	15158.1	31545.2	67027.6	118778.7	199306.7
-5°	2765.8	2594.2	2525.5	2702.0	3130.3	5349.9	12745.5	28703.9	59510.2	101609.4	168884.7
-7.5°	2609.1	2444.6	2343.5	2476.3	2850.2	4408.4	9763.0	21736.6	43316.6	75179.9	119971.8
-10°	2474.6	2317.0	2162.8	2205.3	2464.3	3281.4	6077.9	14237.8	28618.6	50748.5	76274.7
-12.5°	2358.2	2226.1	1995.2	1925.1	2070.2	2453.7	4242.0	9704.3	18305.8	28787.9	46681.3
-15°	2237.8	2129.5	1899.0	1788.0	1839.7	2026.6	2510.9	4661.1	10023.4	17061.7	24770.1
-17.5°	2104.2	2029.9	1891.3	1727.3	1657.2	1732.3	1963.7	2627.7	4454.4	8840.8	13647.2
-20°	2013.7	1972.4	1870.6	1726.7	1636.6	1601.8	1682.2	1885.5	2334.1	4015.3	6086.0



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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°	1900.4	1883.2	1814.5	1773.3	1707.4	1633.0	1562.5	1625.6	1774.6	2003.7	2719.2
-25°	1793.2	1797.3	1801.8	1856.0	1845.4	1741.4	1607.8	1512.2	1562.3	1634.2	1779.0
-27.5°	1674.5	1733.4	1824.9	1926.8	1974.2	1886.2	1728.9	1585.5	1542.8	1500.9	1562.1
-30°	1570.2	1690.2	1788.1	1912.8	1994.5	1968.3	1887.1	1790.5	1685.9	1613.1	1589.2
-32.5°	1301.3	1633.9	1724.5	1824.6	1946.7	1985.5	1976.3	1939.2	1894.4	1843.1	1790.0
-35°	1011.3	1380.5	1684.3	1741.9	1821.7	1936.7	2027.3	2033.7	2027.9	2009.0	1994.8
-37.5°	714.2	1065.6	1385.6	1642.5	1738.2	1814.9	1953.6	2059.7	2120.0	2115.2	2116.6
-40°	593.1	689.9	1011.8	1308.7	1528.8	1733.9	1844.6	1983.4	2093.8	2138.8	2173.0
-42.5°	572.2	609.6	648.2	870.9	1154.2	1402.5	1593.4	1769.5	1925.3	2036.4	2124.7
-45°	557.4	582.8	612.0	649.0	688.9	910.6	1157.3	1386.7	1536.6	1686.5	1843.1
-47.5°	556.8	563.0	583.7	609.7	635.1	671.0	712.3	768.2	934.1	1084.7	1243.8
-50°	540.2	565.4	572.3	580.2	596.5	616.2	635.7	655.8	674.7	686.6	702.8
-52.5°	491.1	523.6	554.1	577.9	584.1	590.0	595.6	608.7	621.3	631.9	643.8
-55°	431.8	466.2	499.8	527.1	551.7	574.9	592.3	595.1	598.9	603.6	610.8
-57.5°	367.6	401.1	432.8	461.5	488.4	513.5	531.5	544.9	557.4	569.3	584.8
-60°	301.5	331.1	360.1	387.8	414.4	439.6	456.2	469.9	481.7	493.4	509.3
-62.5°	236.8	259.5	285.7	310.7	333.7	355.4	372.7	387.3	399.4	411.7	426.4
-65°	184.1	201.0	220.4	238.6	255.7	275.7	294.4	309.7	321.9	333.9	347.1
-67.5°	131.3	147.1	165.2	182.1	197.9	213.3	228.9	243.6	257.2	270.9	284.6
-70°	87.8	98.8	112.0	126.4	141.3	155.2	168.5	181.4	193.6	205.8	217.5
-72.5°	54.4	61.3	68.6	78.3	88.2	98.0	107.5	117.0	126.3	137.3	148.2
-75°	31.0	33.8	39.4	44.7	49.8	54.5	58.6	62.0	64.9	71.3	78.5
-77.5°	26.1	27.5	28.9	30.4	31.8	33.8	36.1	38.3	40.7	45.9	51.6
-80°	20.3	21.2	22.2	23.3	24.3	25.9	27.5	28.9	30.4	34.2	38.3
-82.5°	15.0	15.4	15.8	16.2	16.6	17.8	19.0	20.2	21.3	24.5	27.7
-85°	10.9	11.1	11.2	11.4	11.5	12.5	13.6	14.6	15.6	18.7	21.9
-87.5°	8.6	8.6	8.6	8.6	8.6	9.7	10.7	11.6	12.5	15.9	19.2
-90°	3.7	3.4	3.1	2.7	2.4	2.1	1.8	1.5	1.2	1.2	1.2



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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°	46.7	55.0	46.4	37.9	46.4	55.0	46.7	38.5	30.2	22.0	18.6
87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.3	2.3
82.5°	1.5	1.2	1.8	2.4	1.8	1.2	1.5	1.8	2.1	2.4	2.7
80°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.8
77.5°	2.7	2.4	2.4	2.4	2.4	2.4	2.7	3.0	3.3	3.5	3.5
75°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.2	4.5	4.7	4.8
72.5°	7.4	7.2	7.3	7.3	7.3	7.2	7.4	7.6	7.7	7.8	8.0
70°	11.2	12.0	12.2	12.2	12.2	12.0	11.2	10.5	9.9	9.8	10.5
67.5°	9.2	8.8	8.6	8.6	8.6	8.8	9.2	9.5	9.7	10.3	11.5
65°	7.8	7.4	7.3	7.3	7.3	7.4	7.8	8.3	8.7	9.6	11.0
62.5°	7.0	7.2	7.3	7.3	7.3	7.2	7.0	6.8	6.9	7.6	8.9
60°	6.9	7.2	7.3	7.3	7.3	7.2	6.9	6.5	6.2	6.5	7.1
57.5°	6.8	7.2	7.3	7.3	7.3	7.2	6.8	6.5	6.1	6.6	7.0
55°	7.2	7.3	7.8	8.6	7.8	7.3	7.2	7.1	6.9	7.3	7.7
52.5°	8.4	8.5	8.6	8.6	8.6	8.5	8.4	8.3	8.1	8.3	8.4
50°	9.6	9.7	9.8	9.8	9.8	9.7	9.6	9.5	9.4	9.5	9.6
47.5°	11.8	12.0	12.2	12.2	12.2	12.0	11.8	11.4	11.2	11.1	10.9
45°	14.7	14.7	14.6	14.7	14.6	14.7	14.7	14.5	15.4	15.2	13.2
42.5°	19.7	20.2	20.7	20.8	20.7	20.2	19.7	18.9	21.0	24.1	26.2
40°	31.1	31.6	31.3	30.6	31.3	31.6	31.1	29.6	28.2	26.6	28.5
37.5°	42.2	43.1	43.6	44.0	43.6	43.1	42.2	41.7	41.4	38.8	39.7
35°	59.2	59.9	59.6	61.1	59.6	59.9	59.2	58.6	57.7	55.0	60.9
32.5°	96.6	97.2	94.2	95.4	94.2	97.2	96.6	92.2	85.4	82.9	88.0
30°	148.0	154.8	158.9	163.8	158.9	154.8	148.0	140.3	129.2	118.7	115.2
27.5°	225.3	241.9	252.8	259.2	252.8	241.9	225.3	206.2	180.2	167.1	142.7
25°	351.7	377.1	390.6	401.0	390.6	377.1	351.7	314.7	274.0	245.0	215.2
22.5°	683.2	779.9	833.9	885.1	833.9	779.9	683.2	535.1	427.7	363.8	323.7
20°	1752.0	1864.9	2077.5	2209.0	2077.5	1864.9	1752.0	1224.4	894.4	604.1	490.0
17.5°	5901.8	7524.3	7827.2	8056.0	7827.2	7524.3	5901.8	3879.6	2909.1	1428.4	946.9
15°	17575.7	22391.0	23687.0	24790.1	23687.0	22391.0	17575.7	10797.0	7531.2	4371.1	2244.3
12.5°	42435.2	55688.4	62897.0	68373.7	62897.0	55688.4	42435.2	30864.1	16875.0	11421.6	6413.8
10°	88907.9	114854.7	134548.4	145953.5	134548.4	114854.7	88907.9	61964.5	39671.7	21604.7	11271.1
7.5°	151406.6	195384.3	221091.8	234177.4	221091.8	195384.3	151406.6	103457.9	63295.3	35917.0	18888.5
5°	228363.7	285134.5	321012.2	340740.4	321012.2	285134.5	228363.7	154444.4	92249.8	52005.3	26248.0
2.5°	285248.0	358079.4	411859.0	437155.9	411859.0	358079.4	285248.0	201119.5	118676.2	65938.2	30934.9
0°	305844.9	382256.1	443734.5	480564.6	443734.5	382256.1	305844.9	213741.0	129653.4	72976.8	33923.1
-2.5°	286182.6	357916.2	405799.5	428081.6	405799.5	357916.2	286182.6	199306.7	118778.7	67027.6	31545.2
-5°	243357.7	305376.5	339786.5	354352.4	339786.5	305376.5	243357.7	168884.7	101609.4	59510.2	28703.9
-7.5°	172658.0	219966.3	244151.1	258498.6	244151.1	219966.3	172658.0	119971.8	75179.9	43316.6	21736.6
-10°	108704.9	135299.7	158434.0	168899.0	158434.0	135299.7	108704.9	76274.7	50748.5	28618.6	14237.8
-12.5°	63130.1	79967.7	93503.9	99254.0	93503.9	79967.7	63130.1	46681.3	28787.9	18305.8	9704.3
-15°	34887.5	44088.7	50320.8	52758.6	50320.8	44088.7	34887.5	24770.1	17061.7	10023.4	4661.1
-17.5°	19400.1	23865.1	25636.5	28477.0	25636.5	23865.1	19400.1	13647.2	8840.8	4454.4	2627.7
-20°	9504.4	11819.5	12561.8	14565.5	12561.8	11819.5	9504.4	6086.0	4015.3	2334.1	1885.5



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3691.9	4238.3	4360.0	5310.3	4360.0	4238.3	3691.9	2719.2	2003.7	1774.6	1625.6
-25°	1917.3	2009.4	2052.2	2163.7	2052.2	2009.4	1917.3	1779.0	1634.2	1562.3	1512.2
-27.5°	1611.7	1656.3	1691.9	1745.7	1691.9	1656.3	1611.7	1562.1	1500.9	1542.8	1585.5
-30°	1570.8	1562.9	1564.0	1569.6	1564.0	1562.9	1570.8	1589.2	1613.1	1685.9	1790.5
-32.5°	1747.6	1720.5	1707.0	1656.4	1707.0	1720.5	1747.6	1790.0	1843.1	1894.4	1939.2
-35°	1986.2	1983.9	1985.6	1962.0	1985.6	1983.9	1986.2	1994.8	2009.0	2027.9	2033.7
-37.5°	2117.3	2121.1	2125.8	2118.5	2125.8	2121.1	2117.3	2116.6	2115.2	2120.0	2059.7
-40°	2184.9	2196.0	2203.7	2201.6	2203.7	2196.0	2184.9	2173.0	2138.8	2093.8	1983.4
-42.5°	2168.7	2196.0	2209.4	2213.9	2209.4	2196.0	2168.7	2124.7	2036.4	1925.3	1769.5
-45°	1986.3	2097.6	2164.7	2183.3	2164.7	2097.6	1986.3	1843.1	1686.5	1536.6	1386.7
-47.5°	1422.8	1587.6	1742.0	1877.7	1742.0	1587.6	1422.8	1243.8	1084.7	934.1	768.2
-50°	722.9	741.5	779.6	834.9	779.6	741.5	722.9	702.8	686.6	674.7	655.8
-52.5°	655.6	666.3	676.9	687.0	676.9	666.3	655.6	643.8	631.9	621.3	608.7
-55°	617.8	624.3	629.3	633.2	629.3	624.3	617.8	610.8	603.6	598.9	595.1
-57.5°	598.0	609.0	618.4	625.9	618.4	609.0	598.0	584.8	569.3	557.4	544.9
-60°	523.3	535.4	546.6	556.2	546.6	535.4	523.3	509.3	493.4	481.7	469.9
-62.5°	439.1	449.7	460.8	470.6	460.8	449.7	439.1	426.4	411.7	399.4	387.3
-65°	358.8	369.0	378.3	386.3	378.3	369.0	358.8	347.1	333.9	321.9	309.7
-67.5°	297.3	309.0	320.7	331.3	320.7	309.0	297.3	284.6	270.9	257.2	243.6
-70°	228.2	237.7	246.0	253.0	246.0	237.7	228.2	217.5	205.8	193.6	181.4
-72.5°	158.2	167.2	177.5	187.0	177.5	167.2	158.2	148.2	137.3	126.3	117.0
-75°	85.3	91.8	98.0	103.9	98.0	91.8	85.3	78.5	71.3	64.9	62.0
-77.5°	57.4	63.0	67.1	70.9	67.1	63.0	57.4	51.6	45.9	40.7	38.3
-80°	42.3	46.2	49.5	52.6	49.5	46.2	42.3	38.3	34.2	30.4	28.9
-82.5°	30.9	34.1	36.6	39.1	36.6	34.1	30.9	27.7	24.5	21.3	20.2
-85°	25.0	28.1	30.5	33.0	30.5	28.1	25.0	21.9	18.7	15.6	14.6
-87.5°	22.5	25.8	27.5	29.3	27.5	25.8	22.5	19.2	15.9	12.5	11.6
-90°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	15.3	11.9	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
87.5°	1.8	2.1	2.4	2.7	3.1	3.4	3.7	3.7	3.7	3.7	3.7
85°	2.3	2.4	2.4	2.7	3.1	3.4	3.7	3.9	4.0	4.1	4.2
82.5°	2.9	3.2	3.3	3.4	3.4	3.6	3.7	4.0	4.3	4.6	4.9
80°	3.1	3.4	3.7	3.9	4.0	4.0	4.1	4.3	4.4	4.7	4.9
77.5°	3.5	3.6	3.8	4.2	4.6	4.9	5.1	5.2	5.4	5.5	5.6
75°	4.9	4.9	5.0	5.5	5.8	5.9	6.0	5.9	5.9	6.0	6.1
72.5°	8.1	8.0	8.3	9.1	9.4	9.8	9.7	8.9	8.0	6.8	6.1
70°	11.0	11.5	12.8	14.6	15.9	16.4	16.2	15.0	12.8	11.2	9.5
67.5°	12.5	13.4	15.4	18.0	20.0	21.7	23.4	24.2	23.2	20.9	15.5
65°	12.4	14.0	15.5	16.9	19.2	22.5	28.3	31.3	32.1	30.9	24.1
62.5°	10.3	11.8	12.9	14.1	15.7	19.2	27.1	33.5	38.4	38.3	30.5
60°	7.8	8.7	9.8	11.0	12.3	16.0	23.2	31.7	41.6	39.3	33.6
57.5°	7.2	7.7	8.6	9.2	9.7	12.6	18.1	25.7	34.9	35.0	32.7
55°	8.3	8.8	9.1	9.4	9.8	11.1	13.3	17.9	24.8	26.6	26.2
52.5°	8.6	9.2	9.9	10.6	10.7	10.8	11.5	14.0	16.0	18.8	20.0
50°	9.7	9.9	10.2	10.8	11.1	11.1	11.2	11.9	13.2	14.5	15.3
47.5°	11.0	11.1	10.9	11.1	11.6	11.6	11.5	11.5	12.5	13.0	13.6
45°	13.3	13.3	12.9	13.2	13.1	13.0	12.6	13.0	13.1	13.4	13.4
42.5°	24.1	19.3	16.1	17.6	18.1	16.9	15.3	15.6	15.3	14.7	15.7
40°	33.1	37.6	32.7	26.3	24.6	23.8	21.7	19.5	18.7	17.4	19.5
37.5°	39.3	38.3	47.1	50.7	40.9	33.1	30.4	26.2	23.3	24.1	25.5
35°	60.2	58.1	59.0	63.4	66.4	57.1	44.5	36.1	31.5	32.4	32.9
32.5°	92.0	86.0	85.6	83.4	87.3	86.6	71.3	53.5	46.1	43.7	41.7
30°	117.1	110.9	103.6	116.6	123.6	118.1	103.0	91.1	74.9	57.5	52.1
27.5°	147.1	142.8	131.5	157.2	171.4	162.2	152.4	141.4	112.5	84.8	68.2
25°	204.8	190.9	200.1	217.8	229.7	222.6	211.4	196.1	165.8	125.3	102.6
22.5°	288.4	283.0	283.1	283.1	314.1	305.6	275.7	253.4	247.4	229.0	171.4
20°	446.6	412.9	385.7	426.1	457.4	410.0	350.6	377.4	423.8	380.4	265.3
17.5°	791.2	670.2	606.7	664.7	661.8	574.4	616.0	634.3	634.0	568.9	378.3
15°	1382.2	1134.6	1010.0	952.8	950.0	1004.3	1048.3	935.0	876.0	772.7	562.9
12.5°	2866.2	1698.2	1447.3	1322.4	1343.6	1423.7	1489.5	1330.7	1158.7	1068.6	873.4
10°	5118.0	2729.5	1992.7	1783.9	1728.8	1802.6	1837.7	1679.6	1483.1	1394.9	1204.7
7.5°	9742.2	4490.6	2550.7	2210.4	2048.5	2028.6	2042.0	1948.4	1788.3	1709.7	1547.0
5°	13749.9	5712.0	2976.8	2541.2	2318.5	2258.2	2247.0	2168.5	2078.2	2014.8	1888.0
2.5°	14703.8	5902.9	3344.5	2846.0	2565.7	2484.6	2474.3	2349.0	2271.9	2176.8	2037.7
0°	16968.9	6884.9	3471.8	2957.1	2701.6	2677.2	2735.8	2514.6	2421.7	2308.0	2161.3
-2.5°	15158.1	6101.2	3347.2	2896.0	2680.2	2703.2	2828.7	2662.9	2523.6	2353.0	2133.3
-5°	12745.5	5349.9	3130.3	2702.0	2525.5	2594.2	2765.8	2686.1	2543.9	2362.2	2066.3
-7.5°	9763.0	4408.4	2850.2	2476.3	2343.5	2444.6	2609.1	2562.1	2411.0	2255.4	1929.5
-10°	6077.9	3281.4	2464.3	2205.3	2162.8	2317.0	2474.6	2419.9	2279.6	2145.9	1770.4
-12.5°	4242.0	2453.7	2070.2	1925.1	1995.2	2226.1	2358.2	2265.9	2153.9	2037.4	1595.4
-15°	2510.9	2026.6	1839.7	1788.0	1899.0	2129.5	2237.8	2148.8	2062.1	1931.4	1410.3
-17.5°	1963.7	1732.3	1657.2	1727.3	1891.3	2029.9	2104.2	2055.5	1954.2	1754.9	1187.8
-20°	1682.2	1601.8	1636.6	1726.7	1870.6	1972.4	2013.7	1953.2	1823.8	1479.6	961.1



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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°	1562.5	1633.0	1707.4	1773.3	1814.5	1883.2	1900.4	1832.5	1676.4	1188.9	740.4
-25°	1607.8	1741.4	1845.4	1856.0	1801.8	1797.3	1793.2	1696.8	1383.7	920.4	555.1
-27.5°	1728.9	1886.2	1974.2	1926.8	1824.9	1733.4	1674.5	1529.5	1083.4	709.2	522.1
-30°	1887.1	1968.3	1994.5	1912.8	1788.1	1690.2	1570.2	1201.2	835.3	547.8	497.6
-32.5°	1976.3	1985.5	1946.7	1824.6	1724.5	1633.9	1301.3	900.9	604.0	521.8	484.8
-35°	2027.3	1936.7	1821.7	1741.9	1684.3	1380.5	1011.3	672.1	538.7	499.5	474.7
-37.5°	1953.6	1814.9	1738.2	1642.5	1385.6	1065.6	714.2	567.0	516.1	488.2	471.6
-40°	1844.6	1733.9	1528.8	1308.7	1011.8	689.9	593.1	545.8	510.3	482.0	472.0
-42.5°	1593.4	1402.5	1154.2	870.9	648.2	609.6	572.2	536.2	508.8	489.4	450.5
-45°	1157.3	910.6	688.9	649.0	612.0	582.8	557.4	535.9	517.5	472.4	422.2
-47.5°	712.3	671.0	635.1	609.7	583.7	563.0	556.8	543.8	492.2	442.2	391.9
-50°	635.7	616.2	596.5	580.2	572.3	565.4	540.2	504.3	454.3	404.4	356.3
-52.5°	595.6	590.0	584.1	577.9	554.1	523.6	491.1	452.7	408.4	360.5	314.1
-55°	592.3	574.9	551.7	527.1	499.8	466.2	431.8	395.4	355.2	311.1	270.9
-57.5°	531.5	513.5	488.4	461.5	432.8	401.1	367.6	333.1	299.9	262.9	227.1
-60°	456.2	439.6	414.4	387.8	360.1	331.1	301.5	272.4	244.1	216.8	188.0
-62.5°	372.7	355.4	333.7	310.7	285.7	259.5	236.8	216.9	196.2	173.1	146.8
-65°	294.4	275.7	255.7	238.6	220.4	201.0	184.1	166.4	147.5	127.2	104.6
-67.5°	228.9	213.3	197.9	182.1	165.2	147.1	131.3	115.3	101.3	87.3	71.2
-70°	168.5	155.2	141.3	126.4	112.0	98.8	87.8	76.6	64.4	54.7	46.4
-72.5°	107.5	98.0	88.2	78.3	68.6	61.3	54.4	47.6	40.8	34.3	29.5
-75°	58.6	54.5	49.8	44.7	39.4	33.8	31.0	29.7	28.2	26.5	24.5
-77.5°	36.1	33.8	31.8	30.4	28.9	27.5	26.1	24.6	23.2	21.9	20.7
-80°	27.5	25.9	24.3	23.3	22.2	21.2	20.3	19.4	18.6	18.0	17.4
-82.5°	19.0	17.8	16.6	16.2	15.8	15.4	15.0	14.7	14.4	14.2	14.0
-85°	13.6	12.5	11.5	11.4	11.2	11.1	10.9	11.0	11.1	11.2	11.3
-87.5°	10.7	9.7	8.6	8.6	8.6	8.6	8.6	8.8	9.1	9.3	9.4
-90°	1.8	2.1	2.4	2.7	3.1	3.4	3.7	3.7	3.7	3.7	3.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.3	8.0	7.6	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
87.5°	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.1	6.1	6.1
85°	4.3	4.5	4.7	4.9	5.2	5.5	5.8	6.1	6.1	6.1	6.1
82.5°	4.9	4.9	4.9	4.9	5.2	5.5	5.8	6.1	6.1	6.1	6.1
80°	5.1	5.3	5.3	5.3	5.4	5.5	5.8	6.1	6.1	6.1	6.1
77.5°	5.6	5.7	5.9	5.9	5.8	5.8	5.9	6.1	6.1	6.1	6.1
75°	6.1	6.0	6.0	6.1	6.2	6.1	6.0	6.1	6.2	6.1	6.1
72.5°	6.1	6.1	6.1	6.2	6.4	6.4	6.3	6.2	6.4	6.4	6.2
70°	7.8	6.5	6.1	6.3	6.6	6.8	6.8	6.7	6.6	6.6	6.5
67.5°	11.0	9.1	7.6	6.6	6.6	6.9	7.2	7.2	7.0	6.9	6.8
65°	17.7	12.9	9.6	8.3	7.3	7.0	7.3	7.6	7.5	7.3	7.1
62.5°	23.4	17.2	12.9	10.2	8.5	7.7	7.4	7.8	8.0	7.8	7.5
60°	28.1	21.0	16.2	13.1	10.3	8.4	7.9	8.0	8.2	8.2	7.9
57.5°	27.4	23.5	20.0	16.1	12.7	9.9	8.6	8.5	8.6	8.6	8.3
55°	24.4	21.8	22.5	19.6	15.4	11.9	9.7	9.1	9.0	8.9	8.7
52.5°	19.1	20.6	22.8	22.2	18.6	14.1	11.6	9.7	9.5	9.3	9.3
50°	15.2	18.5	22.5	23.8	21.5	17.0	13.4	11.2	10.0	9.8	9.8
47.5°	14.7	17.6	20.7	24.9	23.9	19.6	15.5	12.7	10.5	10.2	10.4
45°	16.0	18.2	20.0	23.3	26.0	21.5	17.5	14.1	11.8	10.9	11.1
42.5°	18.1	20.0	21.4	21.8	24.8	23.0	19.2	15.6	12.9	11.8	11.9
40°	21.4	22.7	23.4	23.9	23.9	24.1	20.3	16.8	14.1	12.9	12.6
37.5°	25.3	26.2	26.4	27.2	24.6	23.9	21.0	17.9	15.7	14.2	13.5
35°	32.0	30.4	31.4	31.8	28.7	24.5	21.5	18.6	17.4	15.6	14.4
32.5°	39.8	37.8	38.5	37.2	33.8	25.7	22.1	20.6	19.4	17.0	15.3
30°	50.6	51.6	47.2	43.4	39.7	30.4	24.5	23.0	21.4	18.3	16.3
27.5°	70.8	68.6	58.4	51.6	45.5	36.6	29.1	25.5	23.6	19.7	17.5
25°	96.6	89.0	74.9	61.2	51.8	55.1	34.5	28.4	25.8	21.5	18.6
22.5°	130.9	112.5	93.6	71.9	79.0	79.5	44.9	32.8	28.1	23.3	19.6
20°	170.0	138.9	121.5	114.1	111.6	104.0	62.9	37.5	30.5	25.2	20.6
17.5°	220.6	194.0	188.9	166.2	147.6	130.7	84.1	42.4	33.0	27.0	21.6
15°	372.2	284.3	260.7	223.4	185.8	159.3	107.7	47.5	35.6	28.9	22.1
12.5°	569.4	377.5	336.1	284.6	225.7	189.3	133.0	52.7	38.2	29.7	21.7
10°	791.1	472.6	413.9	348.3	266.7	220.2	159.1	57.7	39.4	29.7	21.4
7.5°	1027.1	568.3	493.0	413.3	306.6	249.0	185.1	62.2	40.4	29.5	21.0
5°	1241.2	646.7	555.5	462.6	338.3	274.6	210.0	66.7	41.3	29.2	20.6
2.5°	1334.3	696.2	605.6	507.0	368.7	298.8	233.0	70.9	42.2	28.7	20.1
0°	1402.2	742.0	652.8	547.7	397.3	321.5	253.0	74.6	42.8	28.1	19.6
-2.5°	1337.3	734.7	642.3	546.0	406.7	326.3	254.0	86.2	51.2	33.1	21.7
-5°	1251.9	723.7	629.3	540.7	413.6	329.1	251.6	97.0	59.2	37.9	23.6
-7.5°	1177.3	695.8	610.0	531.2	417.6	329.8	246.6	106.8	66.6	42.2	25.4
-10°	1082.5	657.5	582.2	509.1	411.6	327.9	240.0	115.5	73.2	46.0	26.9
-12.5°	958.3	618.1	554.0	487.3	402.8	324.1	234.3	123.7	79.1	49.1	28.1
-15°	803.4	578.4	526.1	467.0	392.8	319.1	227.6	130.9	85.2	52.3	28.9
-17.5°	619.9	539.0	499.0	449.1	382.0	312.9	220.5	136.5	90.2	55.7	30.3
-20°	565.4	511.2	473.5	434.7	370.7	305.9	213.4	140.4	94.1	58.2	31.9



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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°	536.7	493.4	459.8	420.0	359.6	298.1	206.7	142.5	96.9	59.6	32.8
-25°	507.1	476.4	449.8	405.8	348.8	286.1	204.3	142.7	98.4	59.9	32.9
-27.5°	485.5	462.0	441.8	390.8	336.1	276.1	203.6	143.8	98.7	59.1	32.2
-30°	468.7	453.9	426.5	375.1	322.0	261.7	200.5	143.5	97.6	57.9	30.6
-32.5°	460.4	449.0	408.3	358.3	305.2	246.4	191.2	141.4	94.8	56.2	29.7
-35°	460.3	434.9	389.6	340.2	287.0	232.0	179.6	137.6	90.4	53.1	28.8
-37.5°	458.8	414.6	368.7	320.4	268.2	216.5	168.6	127.2	84.3	48.8	27.2
-40°	435.0	391.4	346.0	299.3	249.8	200.0	155.9	115.2	77.8	43.2	25.1
-42.5°	409.1	365.2	320.7	277.1	230.7	184.0	141.4	102.0	68.3	39.0	22.4
-45°	379.2	336.4	292.8	252.0	210.6	166.0	125.4	88.0	57.6	35.3	20.4
-47.5°	346.5	303.6	263.2	225.2	187.9	146.3	108.1	75.2	46.3	30.8	19.6
-50°	308.5	269.0	232.0	197.1	161.8	125.6	90.4	61.4	39.8	25.1	18.8
-52.5°	270.9	233.0	200.5	168.5	136.0	103.5	74.0	47.6	33.0	22.3	17.8
-55°	231.9	198.4	169.4	139.5	109.5	83.1	56.8	39.4	25.8	20.7	16.7
-57.5°	195.9	165.4	137.4	109.7	85.3	62.4	44.1	30.9	22.7	19.1	16.0
-60°	159.5	130.9	104.4	83.1	62.4	46.0	34.1	24.2	20.8	17.5	15.2
-62.5°	120.7	96.3	76.6	58.1	44.9	34.6	25.2	22.0	18.8	16.5	14.3
-65°	86.2	67.8	50.4	41.7	32.5	25.3	22.7	19.8	17.5	15.4	13.4
-67.5°	55.0	45.6	36.6	28.4	24.8	22.5	20.1	18.2	16.2	14.3	12.8
-70°	38.1	30.2	26.0	23.8	21.7	19.8	18.4	16.8	15.0	13.6	12.2
-72.5°	27.0	24.7	22.5	20.5	19.3	18.1	16.8	15.4	14.2	12.9	11.6
-75°	22.6	21.1	19.7	18.5	17.4	16.3	15.4	14.5	13.3	12.1	10.9
-77.5°	19.6	18.5	17.4	16.5	15.6	14.9	14.2	13.5	12.4	11.2	10.2
-80°	16.6	15.8	15.1	14.4	13.9	13.4	12.8	12.2	11.2	10.2	9.4
-82.5°	13.5	13.1	12.8	12.4	12.0	11.6	11.2	10.7	10.0	9.3	8.7
-85°	11.1	10.8	10.6	10.3	10.1	9.8	9.6	9.4	9.0	8.6	8.3
-87.5°	9.3	9.1	8.9	8.7	8.6	8.5	8.5	8.4	8.1	7.9	7.8
-90°	4.0	4.3	4.6	4.9	5.2	5.5	5.8	6.1	6.1	6.1	6.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.3	7.0	6.7	6.4	6.1	6.1	6.1
87.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
85°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
82.5°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
80°	6.1	6.1	6.1	6.1	6.1	6.1	6.1
77.5°	6.1	6.2	6.1	6.1	6.1	6.1	6.1
75°	6.2	6.3	6.1	6.1	6.1	6.1	6.1
72.5°	6.2	6.5	6.4	6.1	6.1	6.1	6.1
70°	6.4	6.7	6.6	6.1	6.1	6.1	6.1
67.5°	6.7	6.9	6.9	6.4	6.1	6.1	6.1
65°	7.1	7.1	7.1	6.6	6.1	6.1	6.1
62.5°	7.4	7.4	7.4	6.9	6.1	6.1	6.1
60°	7.8	7.7	7.7	7.2	6.1	6.1	6.1
57.5°	8.2	8.0	7.9	7.4	6.3	6.1	6.1
55°	8.6	8.3	8.1	7.7	6.4	6.1	6.1
52.5°	9.1	8.6	8.4	8.0	6.6	6.1	6.1
50°	9.5	9.0	8.6	8.2	6.7	6.1	6.1
47.5°	10.0	9.4	8.8	8.5	6.9	6.1	6.1
45°	10.6	9.8	9.1	8.7	7.0	6.1	6.1
42.5°	11.3	10.3	9.3	8.8	7.1	6.1	6.1
40°	11.9	10.7	9.6	8.9	7.2	6.1	6.1
37.5°	12.6	11.1	9.9	8.9	7.3	6.1	6.1
35°	13.3	11.7	10.2	9.0	7.3	6.1	6.1
32.5°	14.1	12.2	10.6	9.0	7.4	6.1	6.1
30°	14.8	12.8	10.9	9.0	7.5	6.1	6.1
27.5°	15.6	13.4	11.0	9.0	7.5	6.1	6.1
25°	16.4	14.0	11.0	9.0	7.5	6.1	6.1
22.5°	17.2	14.4	11.0	9.0	7.5	6.1	6.1
20°	18.1	14.3	11.0	9.0	7.5	6.1	6.1
17.5°	18.2	14.2	10.9	9.0	7.5	6.1	6.1
15°	17.9	14.1	10.8	8.9	7.5	6.1	6.1
12.5°	17.5	13.9	10.7	8.9	7.5	6.1	6.1
10°	17.0	13.6	10.5	8.9	7.5	6.1	6.1
7.5°	16.5	13.3	10.4	8.8	7.4	6.1	6.1
5°	15.9	13.0	10.2	8.7	7.4	6.1	6.1
2.5°	15.3	12.6	10.0	8.7	7.4	6.1	6.1
0°	14.7	12.2	9.8	8.6	7.3	6.1	6.1
-2.5°	15.3	12.3	9.9	8.6	7.3	6.1	6.1
-5°	15.9	12.4	10.0	8.6	7.3	6.2	6.1
-7.5°	16.5	12.5	10.1	8.6	7.3	6.2	6.1
-10°	16.9	12.5	10.1	8.5	7.3	6.2	6.1
-12.5°	17.2	12.6	10.2	8.5	7.3	6.2	6.1
-15°	17.5	12.6	10.2	8.5	7.2	6.3	6.1
-17.5°	17.5	12.6	10.2	8.4	7.2	6.3	6.1
-20°	17.8	12.5	10.1	8.4	7.2	6.3	6.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.3	12.4	10.1	8.3	7.2	6.3	6.1
-25°	18.5	12.5	10.0	8.2	7.2	6.3	6.1
-27.5°	18.3	12.7	9.9	8.2	7.2	6.3	6.1
-30°	17.9	12.7	9.7	8.1	7.1	6.4	6.1
-32.5°	17.0	12.7	9.7	8.0	7.1	6.4	6.1
-35°	16.7	12.6	9.6	7.9	7.1	6.4	6.1
-37.5°	16.5	12.5	9.6	7.8	7.1	6.4	6.1
-40°	16.3	12.4	9.5	7.7	7.1	6.4	6.1
-42.5°	15.9	12.2	9.4	7.6	7.1	6.4	6.1
-45°	15.5	12.0	9.3	7.6	7.1	6.4	6.1
-47.5°	14.9	11.7	9.3	7.5	7.1	6.4	6.1
-50°	14.5	11.4	9.2	7.6	7.1	6.4	6.1
-52.5°	14.0	11.1	9.1	7.6	7.1	6.4	6.1
-55°	13.5	10.9	9.0	7.6	7.1	6.4	6.1
-57.5°	13.0	10.7	8.8	7.7	7.1	6.4	6.1
-60°	12.4	10.4	8.7	7.7	7.1	6.4	6.1
-62.5°	12.1	10.1	8.6	7.7	7.1	6.3	6.1
-65°	11.7	9.9	8.5	7.6	7.0	6.3	6.1
-67.5°	11.2	9.6	8.4	7.6	6.9	6.3	6.1
-70°	10.8	9.3	8.3	7.6	6.9	6.3	6.1
-72.5°	10.3	9.0	8.1	7.5	6.8	6.3	6.1
-75°	9.8	8.7	7.9	7.3	6.7	6.2	6.1
-77.5°	9.2	8.4	7.7	7.2	6.6	6.2	6.1
-80°	8.6	8.1	7.5	7.0	6.5	6.2	6.1
-82.5°	8.3	7.8	7.3	6.9	6.4	6.2	6.1
-85°	8.0	7.5	7.1	6.7	6.3	6.2	6.1
-87.5°	7.6	7.3	6.9	6.6	6.2	6.1	6.1
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1

(END OF REPORT)