

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: P1306255 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-1S-CV5-A**

Issue Date: 2/3/2026

Test Information

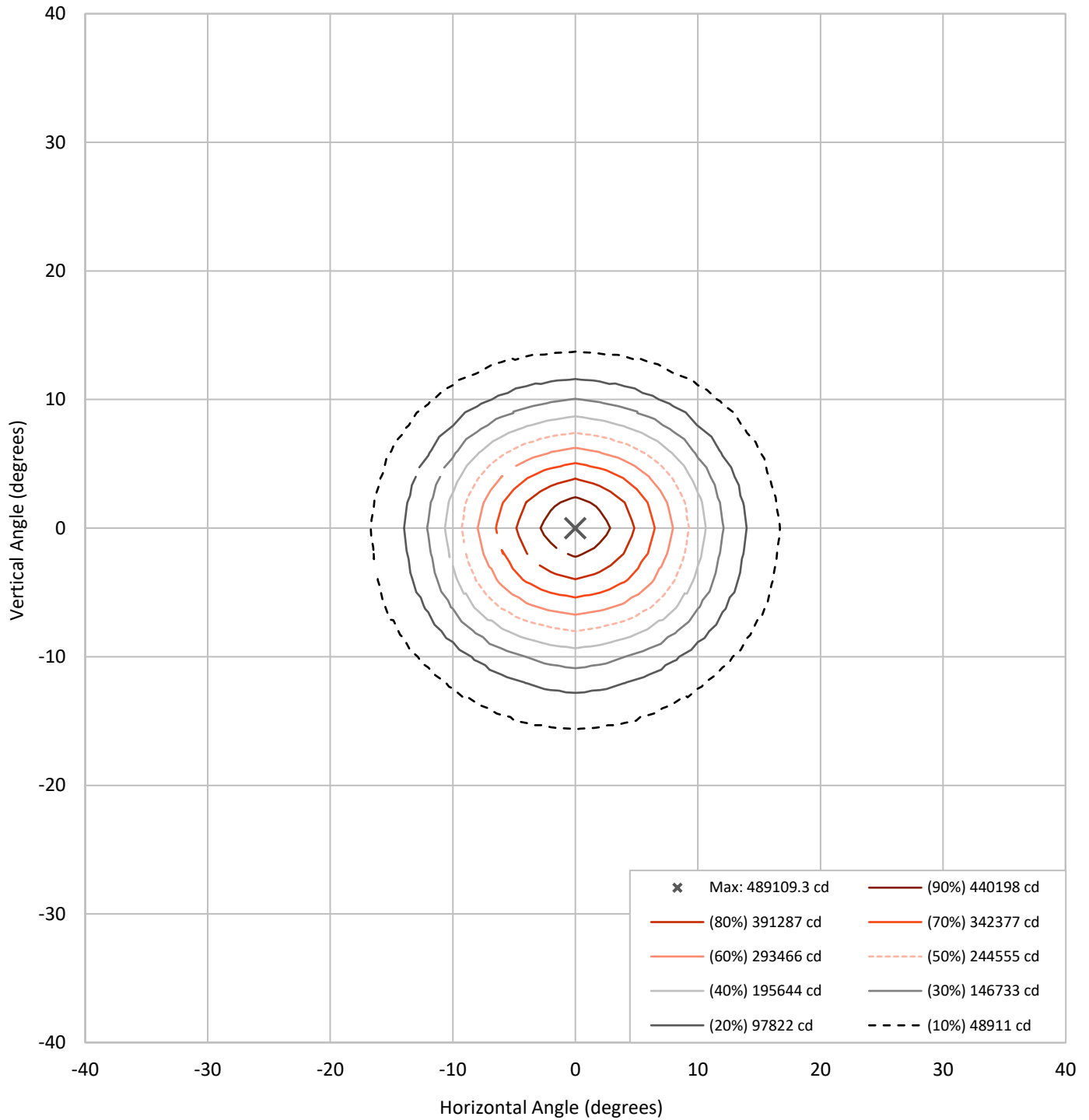
Test Method: LM-79-08
Report Number: P1306255 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-80-1S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 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:	50285.1 lumens	Max Intensity:	489109.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.8 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:	23190.9 lumens	Field Lumens:	42784.7 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





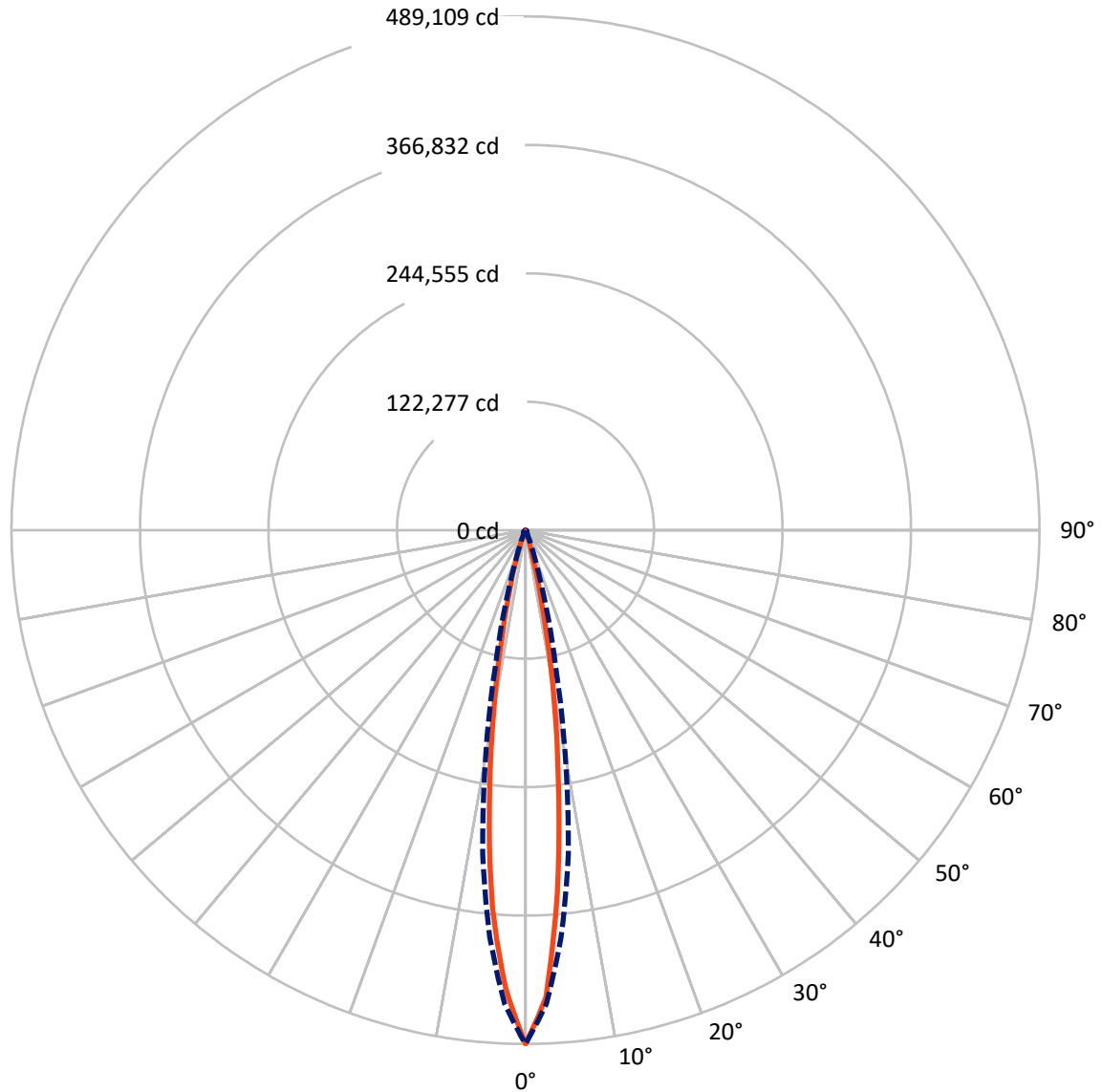
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Lumen Table

90	0.1	0.4		0.5		0.6		0.8		0.6		0.5		0.4		0.1			
80	0.1	0.4		0.5		0.6		0.8		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	0.6	0.7	1.3	1.8	2.0	2.2	2.2	2.0	1.8	1.3	0.7	0.6	0.3				
30	0.3	0.5	1.3	3.0	5.6	6.4	9.1	18.2	18.2	9.1	6.4	5.6	3.0	1.3	0.5	0.3			
20		1.0	4.1	13.7	25.6	34.0	252.1	1050.0	1050.0	252.1	34.0	25.6	13.7	4.1	1.0				
10	0.4	1.6	8.1	34.5	55.9	127.2	1849.7	8015.0	8015.0	1849.7	127.2	55.9	34.5	8.1	1.6	0.4			
0		2.0	9.4	39.8	65.5	130.3	1985.1	8377.5	8377.5	1985.1	130.3	65.5	39.8	9.4	2.0				
-10	0.5	2.2	8.2	30.0	54.1	59.6	423.3	1644.4	1644.4	423.3	59.6	54.1	30.0	8.2	2.2	0.5			
-20		2.1	7.1	16.8	43.6	50.4	55.6	108.2	108.2	55.6	50.4	43.6	16.8	7.1	2.1				
-30	0.4	1.8	6.0	10.7	26.7	50.4	58.9	59.5	59.5	58.9	50.4	26.7	10.7	6.0	1.8	0.4			
-40		1.3	4.5	9.2	14.5	25.4	42.9	56.3	56.3	42.9	25.4	14.5	9.2	4.5	1.3				
-50	0.3	0.6	2.5	6.0	10.8	14.9	17.6	19.6	19.6	17.6	14.9	10.8	6.0	2.5	0.6	0.3			
-60		0.3	0.9	2.4	4.8	7.5	9.8	11.7	11.7	9.8	7.5	4.8	2.4	0.9	0.3				
-70	0.2	0.8		2.2		5.3		8.8		5.3		2.2		0.8		0.2			
-80		0.8		2.2		5.3		8.8		5.3		2.2		0.8					
-90	0.2	0.8		2.2		5.3		8.8		5.3		2.2		0.8		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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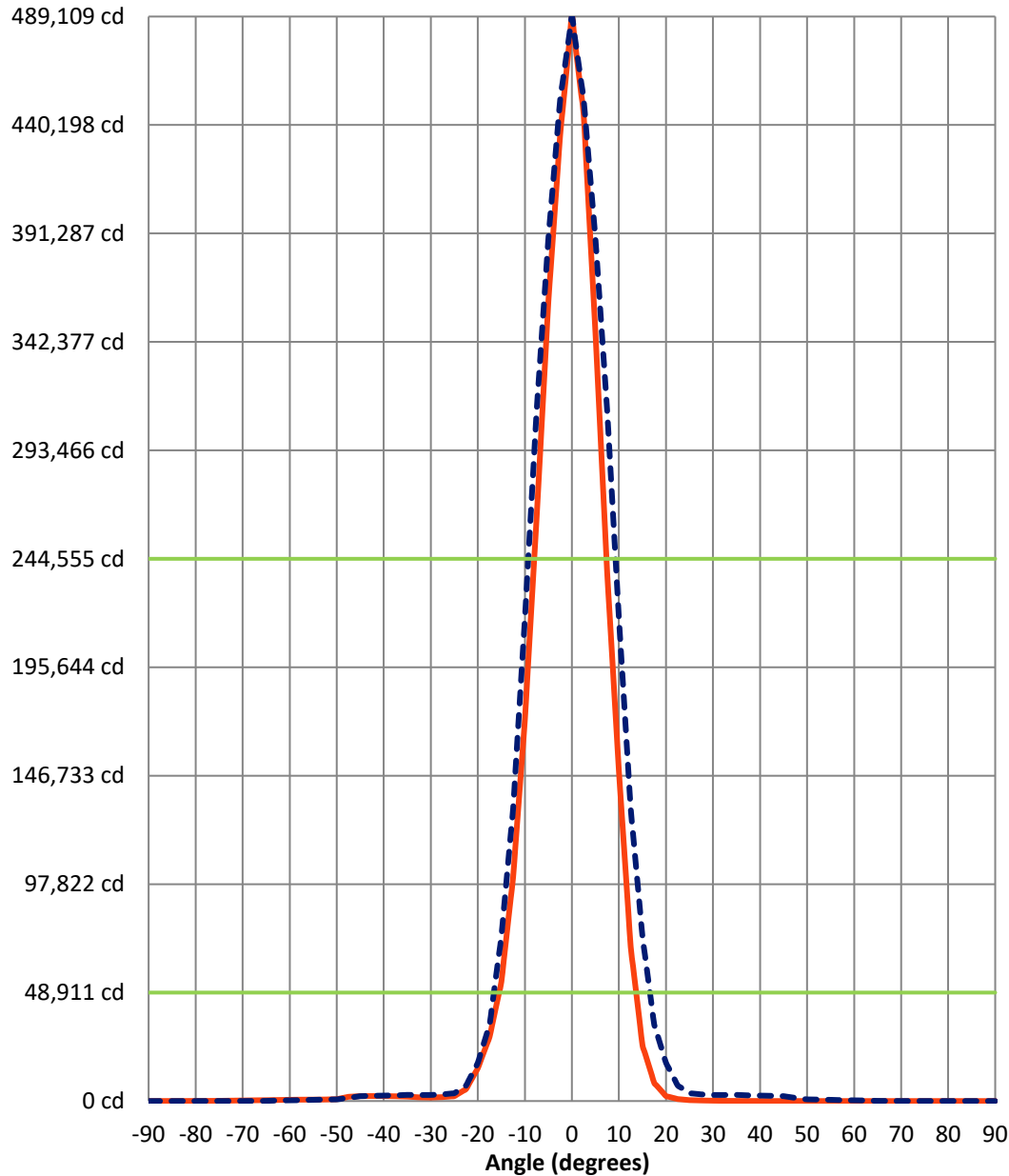
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 18.6°
 V Angle: 15.4°
 Lumens: 23190.9
 Efficiency: 46.1%

Field:
 H Angle: 33.2°
 V Angle: 29.1°
 Lumens: 42784.7
 Efficiency: 85.1%

Spill:
 Lumens: 7500.4
 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°	6.2	6.2	6.2	6.5	6.9	7.2	7.5	7.5	7.5	7.5	7.5
87.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
85°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
82.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
80°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
77.5°	6.2	6.2	6.2	6.2	6.2	6.3	6.2	6.2	6.2	6.2	6.2
75°	6.2	6.2	6.2	6.2	6.2	6.4	6.3	6.2	6.2	6.3	6.3
72.5°	6.2	6.2	6.2	6.2	6.5	6.6	6.3	6.3	6.5	6.5	6.3
70°	6.2	6.2	6.2	6.2	6.7	6.8	6.5	6.6	6.7	6.7	6.8
67.5°	6.2	6.2	6.2	6.5	7.0	7.0	6.8	6.9	7.0	7.2	7.3
65°	6.2	6.2	6.2	6.7	7.2	7.2	7.2	7.3	7.5	7.7	7.8
62.5°	6.2	6.2	6.2	7.0	7.5	7.6	7.6	7.7	7.9	8.1	8.0
60°	6.2	6.2	6.2	7.3	7.8	7.9	8.0	8.0	8.3	8.4	8.2
57.5°	6.2	6.2	6.4	7.5	8.0	8.2	8.4	8.4	8.7	8.7	8.7
55°	6.2	6.2	6.5	7.8	8.3	8.5	8.8	8.9	9.1	9.2	9.3
52.5°	6.2	6.2	6.7	8.1	8.5	8.8	9.2	9.4	9.5	9.7	9.8
50°	6.2	6.2	6.8	8.3	8.8	9.2	9.7	10.0	10.0	10.2	11.3
47.5°	6.2	6.2	7.0	8.6	9.0	9.6	10.2	10.6	10.4	10.7	12.9
45°	6.2	6.2	7.1	8.8	9.2	10.0	10.8	11.3	11.2	12.0	14.3
42.5°	6.2	6.2	7.2	9.0	9.5	10.5	11.4	12.1	12.0	13.1	15.8
40°	6.2	6.2	7.3	9.0	9.8	10.9	12.1	12.9	13.1	14.3	17.2
37.5°	6.2	6.2	7.4	9.1	10.1	11.3	12.8	13.7	14.5	15.9	18.2
35°	6.2	6.2	7.5	9.1	10.4	11.8	13.6	14.6	15.9	17.7	19.0
32.5°	6.2	6.2	7.5	9.1	10.8	12.4	14.3	15.6	17.2	19.7	21.1
30°	6.2	6.2	7.6	9.2	11.1	13.0	15.1	16.6	18.6	21.8	23.4
27.5°	6.2	6.2	7.6	9.2	11.2	13.6	15.9	17.7	20.1	24.0	26.0
25°	6.2	6.2	7.7	9.2	11.2	14.2	16.7	18.9	21.9	26.3	29.0
22.5°	6.2	6.2	7.7	9.2	11.2	14.6	17.5	19.9	23.7	28.6	33.4
20°	6.2	6.2	7.7	9.1	11.2	14.6	18.3	21.0	25.6	31.1	38.2
17.5°	6.2	6.2	7.7	9.1	11.1	14.5	18.5	22.0	27.5	33.6	43.2
15°	6.2	6.2	7.7	9.1	11.0	14.3	18.1	22.4	29.4	36.3	48.4
12.5°	6.2	6.2	7.7	9.0	10.9	14.1	17.7	22.1	30.2	38.9	53.7
10°	6.2	6.2	7.7	9.0	10.7	13.8	17.3	21.8	30.2	40.1	58.7
7.5°	6.2	6.2	7.6	8.9	10.6	13.5	16.7	21.4	30.0	41.1	63.4
5°	6.2	6.2	7.6	8.9	10.4	13.2	16.2	20.9	29.7	42.1	67.9
2.5°	6.2	6.2	7.5	8.8	10.2	12.8	15.6	20.5	29.2	42.9	72.1
0°	6.2	6.2	7.5	8.7	10.0	12.4	14.9	19.9	28.6	43.5	75.9
-2.5°	6.2	6.2	7.5	8.7	10.1	12.5	15.6	22.0	33.7	52.1	87.7
-5°	6.2	6.3	7.5	8.7	10.2	12.6	16.2	24.0	38.5	60.2	98.7
-7.5°	6.2	6.3	7.5	8.7	10.3	12.7	16.7	25.8	43.0	67.8	108.7
-10°	6.2	6.3	7.5	8.6	10.3	12.8	17.1	27.3	46.8	74.5	117.6
-12.5°	6.2	6.3	7.5	8.6	10.3	12.8	17.5	28.6	50.0	80.5	125.9
-15°	6.2	6.4	7.4	8.6	10.4	12.8	17.7	29.5	53.2	86.7	133.2
-17.5°	6.2	6.4	7.4	8.5	10.3	12.8	17.8	30.9	56.7	91.8	138.9
-20°	6.2	6.4	7.4	8.5	10.3	12.8	18.1	32.5	59.2	95.8	142.9



REPORT NUMBER: P1306255 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-80-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.2	6.4	7.4	8.4	10.2	12.7	18.6	33.3	60.6	98.7	145.0
-25°	6.2	6.4	7.4	8.4	10.1	12.8	18.8	33.4	61.0	100.2	145.2
-27.5°	6.2	6.5	7.3	8.3	10.0	12.9	18.7	32.7	60.1	100.5	146.4
-30°	6.2	6.5	7.3	8.2	9.9	13.0	18.2	31.2	59.0	99.3	146.1
-32.5°	6.2	6.5	7.3	8.1	9.8	13.0	17.4	30.3	57.1	96.5	143.9
-35°	6.2	6.5	7.3	8.0	9.8	12.9	17.0	29.3	54.0	92.0	140.1
-37.5°	6.2	6.5	7.3	8.0	9.7	12.7	16.9	27.7	49.6	85.8	129.5
-40°	6.2	6.5	7.3	7.9	9.6	12.6	16.6	25.5	43.9	79.2	117.3
-42.5°	6.2	6.5	7.3	7.8	9.5	12.4	16.2	22.8	39.7	69.5	103.9
-45°	6.2	6.5	7.3	7.8	9.5	12.2	15.8	20.7	35.9	58.6	89.6
-47.5°	6.2	6.5	7.3	7.7	9.4	11.9	15.2	20.0	31.3	47.1	76.5
-50°	6.2	6.5	7.3	7.8	9.4	11.6	14.7	19.1	25.6	40.5	62.5
-52.5°	6.2	6.5	7.3	7.8	9.3	11.3	14.3	18.1	22.7	33.6	48.4
-55°	6.2	6.5	7.3	7.8	9.2	11.1	13.8	17.0	21.1	26.2	40.1
-57.5°	6.2	6.5	7.3	7.9	9.0	10.9	13.2	16.3	19.4	23.1	31.4
-60°	6.2	6.5	7.3	7.9	8.9	10.6	12.7	15.5	17.8	21.1	24.6
-62.5°	6.2	6.5	7.3	7.9	8.8	10.4	12.3	14.6	16.8	19.1	22.4
-65°	6.2	6.4	7.2	7.8	8.7	10.1	11.9	13.7	15.7	17.8	20.1
-67.5°	6.2	6.4	7.1	7.8	8.6	9.8	11.4	13.1	14.6	16.5	18.5
-70°	6.2	6.4	7.0	7.8	8.4	9.5	11.0	12.5	13.9	15.3	17.1
-72.5°	6.2	6.4	6.9	7.6	8.3	9.2	10.5	11.8	13.1	14.4	15.7
-75°	6.2	6.4	6.8	7.5	8.1	8.9	9.9	11.1	12.4	13.6	14.8
-77.5°	6.2	6.3	6.7	7.3	7.9	8.5	9.3	10.3	11.4	12.6	13.8
-80°	6.2	6.3	6.6	7.2	7.7	8.2	8.7	9.5	10.4	11.4	12.5
-82.5°	6.2	6.3	6.5	7.0	7.5	8.0	8.4	8.9	9.4	10.1	10.9
-85°	6.2	6.3	6.4	6.9	7.3	7.7	8.1	8.4	8.8	9.2	9.6
-87.5°	6.2	6.2	6.3	6.7	7.1	7.4	7.8	8.0	8.1	8.3	8.6
-90°	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2



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 CATALOG NUMBER: EPH-08-530N-57-80-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.5	7.5	7.5	7.5	7.8	8.1	8.4	8.7	8.7	8.7	8.7
87.5°	5.9	5.6	5.3	5.0	4.7	4.4	4.0	3.7	3.7	3.7	3.7
85°	5.9	5.6	5.3	5.0	4.8	4.5	4.4	4.2	4.2	4.1	3.9
82.5°	5.9	5.6	5.3	5.0	4.9	5.0	5.0	5.0	4.7	4.4	4.1
80°	5.9	5.6	5.5	5.4	5.4	5.4	5.2	5.0	4.7	4.5	4.3
77.5°	6.0	5.9	5.9	6.0	6.0	5.8	5.7	5.7	5.6	5.5	5.3
75°	6.1	6.2	6.3	6.3	6.1	6.1	6.2	6.2	6.1	6.0	6.0
72.5°	6.4	6.6	6.5	6.4	6.2	6.2	6.2	6.2	6.9	8.1	9.0
70°	6.9	7.0	6.7	6.4	6.2	6.6	8.0	9.7	11.3	13.1	15.2
67.5°	7.4	7.1	6.8	6.7	7.7	9.3	11.2	15.8	21.3	23.6	24.6
65°	7.5	7.2	7.5	8.4	9.8	13.1	18.1	24.5	31.4	32.7	31.9
62.5°	7.6	7.8	8.7	10.4	13.1	17.5	23.9	31.0	39.0	39.1	34.2
60°	8.1	8.6	10.5	13.3	16.5	21.4	28.7	34.3	40.0	42.3	32.3
57.5°	8.7	10.0	13.0	16.4	20.4	23.9	27.9	33.3	35.6	35.5	26.2
55°	9.9	12.1	15.7	20.0	22.9	22.2	24.9	26.7	27.1	25.2	18.2
52.5°	11.8	14.4	18.9	22.6	23.2	21.0	19.5	20.4	19.1	16.3	14.2
50°	13.7	17.4	21.9	24.2	23.0	18.8	15.5	15.6	14.7	13.5	12.1
47.5°	15.8	20.0	24.4	25.4	21.0	18.0	15.1	13.9	13.3	12.7	11.7
45°	17.8	22.0	26.5	23.7	20.4	18.6	16.3	13.7	13.7	13.3	13.2
42.5°	19.6	23.4	25.3	22.2	21.8	20.4	18.5	16.0	15.0	15.6	15.9
40°	20.7	24.5	24.3	24.3	23.9	23.1	21.8	19.8	17.7	19.1	19.8
37.5°	21.4	24.4	25.1	27.8	26.9	26.6	25.7	26.0	24.6	23.8	26.7
35°	21.9	24.9	29.2	32.5	32.0	30.9	32.5	33.6	33.0	32.1	36.7
32.5°	22.5	26.2	34.5	37.9	39.2	38.5	40.5	42.5	44.5	46.9	54.5
30°	24.9	31.0	40.4	44.2	48.0	52.5	51.5	53.0	58.6	76.2	92.7
27.5°	29.7	37.3	46.3	52.5	59.4	69.8	72.1	69.4	86.3	114.5	143.9
25°	35.1	56.1	52.8	62.3	76.2	90.6	98.3	104.4	127.6	168.8	199.6
22.5°	45.8	81.0	80.4	73.1	95.2	114.6	133.2	174.5	233.1	251.8	257.9
20°	64.0	105.8	113.6	116.1	123.7	141.4	173.0	270.1	387.2	431.3	384.1
17.5°	85.6	133.0	150.2	169.1	192.2	197.5	224.4	385.1	579.0	645.3	645.6
15°	109.6	162.2	189.1	227.4	265.4	289.4	378.8	572.9	786.5	891.6	951.6
12.5°	135.3	192.7	229.7	289.6	342.1	384.2	579.5	888.9	1087.6	1179.3	1354.3
10°	161.9	224.1	271.4	354.5	421.3	480.9	805.1	1226.1	1419.7	1509.5	1709.4
7.5°	188.3	253.5	312.1	420.6	501.7	578.4	1045.3	1574.5	1740.1	1820.1	1983.0
5°	213.7	279.5	344.3	470.8	565.3	658.2	1263.3	1921.6	2050.5	2115.1	2207.0
2.5°	237.2	304.1	375.2	516.0	616.4	708.6	1358.0	2073.9	2215.5	2312.3	2390.7
0°	257.5	327.2	404.4	557.4	664.4	755.2	1427.1	2199.7	2349.0	2464.7	2559.3
-2.5°	258.5	332.0	414.0	555.7	653.7	747.7	1361.1	2171.3	2394.8	2568.5	2710.2
-5°	256.0	334.9	421.0	550.3	640.5	736.5	1274.2	2103.1	2404.2	2589.1	2733.8
-7.5°	251.0	335.6	425.1	540.6	620.9	708.1	1198.2	1963.8	2295.5	2453.8	2607.6
-10°	244.3	333.7	419.0	518.1	592.6	669.1	1101.7	1801.9	2184.1	2320.1	2462.9
-12.5°	238.5	329.8	409.9	496.0	563.9	629.1	975.3	1623.8	2073.7	2192.1	2306.1
-15°	231.7	324.7	399.8	475.3	535.4	588.6	817.7	1435.3	1965.8	2098.8	2186.9
-17.5°	224.4	318.5	388.8	457.1	507.8	548.5	630.9	1208.8	1786.1	1988.9	2092.0
-20°	217.2	311.3	377.3	442.5	481.9	520.2	575.5	978.1	1505.9	1856.2	1987.9



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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°	210.5	303.4	366.0	427.5	468.0	502.1	546.2	753.6	1210.0	1706.2	1865.0
-25°	207.9	291.2	355.0	413.0	457.8	484.9	516.1	565.0	936.7	1408.3	1726.9
-27.5°	207.2	281.0	342.0	397.7	449.7	470.2	494.1	531.4	721.8	1102.7	1556.7
-30°	204.1	266.4	327.7	381.7	434.1	462.0	477.0	506.4	557.5	850.1	1222.5
-32.5°	194.6	250.8	310.6	364.7	415.5	457.0	468.6	493.4	531.0	614.7	916.9
-35°	182.8	236.1	292.1	346.3	396.5	442.7	468.6	483.2	508.3	548.2	684.0
-37.5°	171.7	220.4	273.0	326.1	375.2	421.9	467.0	480.0	496.8	525.3	577.0
-40°	158.7	203.5	254.2	304.6	352.1	398.4	442.8	480.5	490.6	519.3	555.5
-42.5°	143.9	187.3	234.8	282.0	326.4	371.7	416.4	458.6	498.1	517.8	545.8
-45°	127.7	169.0	214.4	256.5	298.0	342.3	385.9	429.8	480.8	526.7	545.4
-47.5°	110.1	148.9	191.3	229.2	267.9	309.0	352.6	398.8	450.1	501.0	553.5
-50°	92.0	127.9	164.7	200.6	236.1	273.8	314.0	362.6	411.6	462.4	513.3
-52.5°	75.4	105.4	138.5	171.5	204.1	237.2	275.7	319.7	366.9	415.6	460.8
-55°	57.8	84.6	111.5	142.0	172.5	201.9	236.0	275.7	316.6	361.5	402.4
-57.5°	45.0	63.6	86.8	111.7	139.9	168.4	199.4	231.2	267.6	305.2	339.0
-60°	34.7	46.9	63.6	84.6	106.3	133.3	162.4	191.3	220.7	248.4	277.2
-62.5°	25.6	35.2	45.8	59.2	78.0	98.1	122.9	149.4	176.2	199.7	220.7
-65°	23.0	25.7	33.1	42.5	51.4	69.0	87.8	106.5	129.5	150.1	169.3
-67.5°	20.4	22.9	25.2	28.9	37.2	46.5	56.0	72.4	88.8	103.1	117.4
-70°	18.7	20.1	22.1	24.2	26.5	30.7	38.8	47.2	55.6	65.5	78.0
-72.5°	17.1	18.4	19.7	20.9	22.9	25.1	27.5	29.9	34.8	41.5	48.3
-75°	15.7	16.6	17.7	18.9	20.1	21.4	23.0	25.0	26.9	28.6	30.2
-77.5°	14.5	15.2	15.9	16.8	17.8	18.8	19.9	21.1	22.3	23.6	25.0
-80°	13.1	13.7	14.2	14.7	15.4	16.1	16.9	17.8	18.4	19.0	19.8
-82.5°	11.4	11.8	12.3	12.7	13.0	13.4	13.8	14.3	14.5	14.7	15.0
-85°	9.8	10.0	10.3	10.5	10.8	11.1	11.3	11.5	11.4	11.3	11.2
-87.5°	8.7	8.7	8.8	8.9	9.1	9.3	9.5	9.6	9.4	9.2	9.0
-90°	5.9	5.6	5.3	5.0	4.7	4.4	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°	8.7	8.7	8.7	8.7	8.7	12.1	15.5	19.0	22.4	30.8	39.2
87.5°	3.7	3.4	3.1	2.8	2.5	2.2	1.9	1.5	1.2	1.2	1.2
85°	3.7	3.4	3.1	2.8	2.5	2.5	2.4	2.4	2.4	2.1	1.8
82.5°	3.7	3.6	3.5	3.4	3.4	3.2	3.0	2.8	2.5	2.2	1.9
80°	4.1	4.1	4.0	3.9	3.7	3.4	3.1	2.8	2.5	2.5	2.5
77.5°	5.2	5.0	4.6	4.3	3.8	3.6	3.5	3.5	3.5	3.3	3.1
75°	6.1	6.0	5.9	5.6	5.0	4.9	4.9	4.9	4.8	4.5	4.3
72.5°	9.8	10.0	9.6	9.2	8.5	8.2	8.2	8.1	7.9	7.8	7.7
70°	16.5	16.7	16.1	14.9	13.0	11.8	11.3	10.6	9.9	10.0	10.7
67.5°	23.8	22.1	20.4	18.4	15.7	13.7	12.7	11.7	10.5	9.9	9.7
65°	28.9	22.9	19.5	17.2	15.7	14.2	12.6	11.1	9.8	8.9	8.4
62.5°	27.6	19.6	16.0	14.4	13.1	12.0	10.4	9.0	7.8	7.0	7.0
60°	23.7	16.3	12.6	11.2	9.9	8.8	8.0	7.2	6.6	6.3	6.7
57.5°	18.5	12.9	9.9	9.4	8.7	7.9	7.4	7.1	6.7	6.2	6.6
55°	13.5	11.3	10.1	9.6	9.3	8.9	8.4	7.8	7.4	7.0	7.3
52.5°	11.7	11.0	10.9	10.8	10.1	9.3	8.7	8.6	8.4	8.3	8.4
50°	11.4	11.3	11.3	11.0	10.4	10.0	9.9	9.8	9.7	9.6	9.6
47.5°	11.7	11.8	11.8	11.3	11.1	11.3	11.2	11.1	11.3	11.4	11.6
45°	12.8	13.2	13.3	13.5	13.2	13.5	13.6	13.5	15.5	15.7	14.8
42.5°	15.5	17.2	18.4	18.0	16.4	19.7	24.6	26.7	24.6	21.4	19.3
40°	22.1	24.2	25.0	26.7	33.3	38.3	33.7	29.1	27.1	28.7	30.1
37.5°	30.9	33.7	41.6	51.6	48.0	39.0	40.0	40.4	39.5	42.1	42.5
35°	45.2	58.1	67.6	64.6	60.1	59.2	61.3	62.0	56.0	58.7	59.7
32.5°	72.6	88.2	88.9	84.9	87.1	87.6	93.6	89.5	84.4	87.0	93.9
30°	104.8	120.2	125.8	118.7	105.5	112.9	119.1	117.2	120.9	131.5	142.8
27.5°	155.1	165.1	174.4	160.0	133.9	145.3	149.7	145.2	170.1	183.4	209.9
25°	215.2	226.5	233.8	221.7	203.6	194.4	208.5	219.1	249.3	278.9	320.3
22.5°	280.6	311.0	319.7	288.2	288.1	288.0	293.5	329.5	370.3	435.4	544.6
20°	356.8	417.3	465.6	433.6	392.6	420.3	454.6	498.7	614.8	910.3	1246.1
17.5°	627.0	584.6	673.6	676.5	617.5	682.2	805.3	963.7	1453.8	2960.8	3948.6
15°	1066.9	1022.2	966.9	969.8	1028.0	1154.8	1406.8	2284.2	4448.8	7665.1	10989.0
12.5°	1516.0	1449.0	1367.5	1345.9	1473.1	1728.5	2917.2	6527.9	11624.7	17175.0	31412.8
10°	1870.3	1834.7	1759.5	1815.6	2028.1	2778.0	5209.0	11471.5	21988.8	40377.1	63066.3
7.5°	2078.3	2064.7	2084.9	2249.6	2596.1	4570.4	9915.5	19224.4	36555.6	64420.7	105297.4
5°	2287.0	2298.3	2359.8	2586.4	3029.8	5813.6	13994.5	26714.7	52930.0	93890.1	157190.5
2.5°	2518.3	2528.7	2611.3	2896.7	3404.0	6007.9	14965.2	31484.9	67110.6	120786.3	204695.4
0°	2784.5	2724.8	2749.7	3009.7	3533.5	7007.3	17270.6	34526.2	74274.3	131958.6	217541.4
-2.5°	2879.0	2751.2	2727.9	2947.5	3406.6	6209.7	15427.7	32106.1	68219.4	120890.6	202850.5
-5°	2814.9	2640.3	2570.4	2750.1	3185.9	5445.1	12972.2	29214.3	60568.3	103416.0	171887.5
-7.5°	2655.4	2488.0	2385.1	2520.3	2900.9	4486.8	9936.6	22123.0	44086.8	76516.6	122104.9
-10°	2518.6	2358.1	2201.2	2244.5	2508.1	3339.7	6186.0	14490.9	29127.5	51650.9	77630.9
-12.5°	2400.1	2265.6	2030.7	1959.3	2107.0	2497.3	4317.4	9876.9	18631.3	29299.8	47511.3
-15°	2277.5	2167.4	1932.8	1819.8	1872.4	2062.6	2555.6	4744.0	10201.7	17365.1	25210.5
-17.5°	2141.6	2066.0	1924.9	1758.1	1686.7	1763.2	1998.7	2674.4	4533.6	8998.0	13889.8
-20°	2049.5	2007.4	1903.9	1757.5	1665.7	1630.4	1712.1	1919.0	2375.6	4086.7	6194.1



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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°	1934.2	1916.7	1846.8	1804.9	1737.8	1662.0	1590.3	1654.5	1806.1	2039.3	2767.5
-25°	1825.0	1829.3	1833.8	1889.0	1878.3	1772.4	1636.4	1539.1	1590.1	1663.2	1810.6
-27.5°	1704.3	1764.3	1857.3	1961.1	2009.3	1919.8	1759.7	1613.8	1570.3	1527.6	1589.9
-30°	1598.2	1720.3	1820.0	1946.8	2030.0	2003.2	1920.7	1822.4	1715.9	1641.8	1617.4
-32.5°	1324.4	1662.9	1755.1	1857.1	1981.3	2020.8	2011.4	1973.6	1928.0	1875.9	1821.8
-35°	1029.3	1405.0	1714.2	1772.8	1854.0	1971.2	2063.4	2069.8	2063.9	2044.7	2030.3
-37.5°	726.9	1084.6	1410.3	1671.7	1769.1	1847.1	1988.3	2096.3	2157.7	2152.8	2154.2
-40°	603.6	702.1	1029.8	1332.0	1556.0	1764.7	1877.4	2018.7	2130.9	2176.7	2211.6
-42.5°	582.3	620.5	659.7	886.4	1174.7	1427.4	1621.7	1801.0	1959.6	2072.6	2162.4
-45°	567.3	593.2	622.9	660.5	701.1	926.8	1177.9	1411.3	1563.9	1716.5	1875.8
-47.5°	566.7	573.0	594.0	620.6	646.4	683.0	724.9	781.9	950.8	1104.1	1266.0
-50°	549.8	575.5	582.5	590.5	607.1	627.2	646.9	667.4	686.7	698.9	715.3
-52.5°	499.8	533.0	564.0	588.1	594.4	600.5	606.2	619.5	632.4	643.1	655.3
-55°	439.4	474.5	508.6	536.5	561.5	585.1	602.8	605.7	609.6	614.3	621.7
-57.5°	374.1	408.2	440.5	469.7	497.0	522.6	540.9	554.6	567.3	579.5	595.2
-60°	306.8	337.0	366.5	394.7	421.7	447.4	464.3	478.2	490.2	502.2	518.4
-62.5°	240.9	264.0	290.7	316.1	339.6	361.7	379.3	394.2	406.5	419.0	434.0
-65°	187.3	204.5	224.3	242.8	260.2	280.6	299.6	315.1	327.6	339.8	353.3
-67.5°	133.7	149.6	168.1	185.3	201.5	217.1	233.0	247.9	261.8	275.8	289.7
-70°	89.3	100.6	114.0	128.7	143.8	158.0	171.6	184.6	197.0	209.5	221.4
-72.5°	55.3	62.4	69.8	79.6	89.8	99.7	109.4	119.1	128.6	139.8	150.9
-75°	31.5	34.4	40.0	45.5	50.6	55.4	59.6	63.1	66.1	72.6	79.9
-77.5°	26.5	27.9	29.4	30.9	32.4	34.4	36.7	39.0	41.3	46.7	52.5
-80°	20.7	21.6	22.6	23.7	24.8	26.4	27.9	29.4	30.9	34.8	38.9
-82.5°	15.3	15.7	16.2	16.6	16.9	18.1	19.4	20.6	21.7	24.9	28.2
-85°	11.1	11.2	11.4	11.6	11.7	12.8	13.8	14.9	15.9	19.1	22.3
-87.5°	8.7	8.7	8.7	8.7	8.7	9.8	10.8	11.8	12.7	16.2	19.5
-90°	3.7	3.4	3.1	2.8	2.5	2.2	1.9	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°	47.6	56.0	47.3	38.6	47.3	56.0	47.6	39.2	30.8	22.4	19.0
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	2.4	2.4
82.5°	1.5	1.2	1.8	2.5	1.8	1.2	1.5	1.9	2.2	2.5	2.8
80°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.8
77.5°	2.8	2.5	2.5	2.5	2.5	2.5	2.8	3.1	3.3	3.5	3.5
75°	4.0	3.7	3.7	3.7	3.7	3.7	4.0	4.3	4.5	4.8	4.9
72.5°	7.6	7.4	7.5	7.5	7.5	7.4	7.6	7.7	7.8	7.9	8.1
70°	11.4	12.2	12.4	12.4	12.4	12.2	11.4	10.7	10.0	9.9	10.6
67.5°	9.3	8.9	8.7	8.7	8.7	8.9	9.3	9.7	9.9	10.5	11.7
65°	8.0	7.6	7.5	7.5	7.5	7.6	8.0	8.4	8.9	9.8	11.1
62.5°	7.1	7.4	7.5	7.5	7.5	7.4	7.1	7.0	7.0	7.8	9.0
60°	7.0	7.4	7.5	7.5	7.5	7.4	7.0	6.7	6.3	6.6	7.2
57.5°	7.0	7.4	7.5	7.5	7.5	7.4	7.0	6.6	6.2	6.7	7.1
55°	7.4	7.5	8.0	8.7	8.0	7.5	7.4	7.3	7.0	7.4	7.8
52.5°	8.5	8.6	8.7	8.7	8.7	8.6	8.5	8.4	8.3	8.4	8.6
50°	9.8	9.9	10.0	10.0	10.0	9.9	9.8	9.6	9.6	9.7	9.8
47.5°	12.0	12.2	12.4	12.4	12.4	12.2	12.0	11.6	11.4	11.3	11.1
45°	15.0	14.9	14.8	14.9	14.8	14.9	15.0	14.8	15.7	15.5	13.5
42.5°	20.0	20.6	21.1	21.2	21.1	20.6	20.0	19.3	21.4	24.6	26.7
40°	31.6	32.1	31.8	31.1	31.8	32.1	31.6	30.1	28.7	27.1	29.1
37.5°	43.0	43.9	44.4	44.8	44.4	43.9	43.0	42.5	42.1	39.5	40.4
35°	60.3	61.0	60.6	62.2	60.6	61.0	60.3	59.7	58.7	56.0	62.0
32.5°	98.4	98.9	95.8	97.0	95.8	98.9	98.4	93.9	87.0	84.4	89.5
30°	150.6	157.5	161.7	166.7	161.7	157.5	150.6	142.8	131.5	120.9	117.2
27.5°	229.3	246.2	257.3	263.8	257.3	246.2	229.3	209.9	183.4	170.1	145.2
25°	358.0	383.8	397.6	408.1	397.6	383.8	358.0	320.3	278.9	249.3	219.1
22.5°	695.4	793.8	848.7	900.8	848.7	793.8	695.4	544.6	435.4	370.3	329.5
20°	1783.1	1898.0	2114.4	2248.2	2114.4	1898.0	1783.1	1246.1	910.3	614.8	498.7
17.5°	6006.7	7658.0	7966.3	8199.2	7966.3	7658.0	6006.7	3948.6	2960.8	1453.8	963.7
15°	17888.1	22789.1	24108.1	25230.9	24108.1	22789.1	17888.1	10989.0	7665.1	4448.8	2284.2
12.5°	43189.7	56678.6	64015.3	69589.3	64015.3	56678.6	43189.7	31412.8	17175.0	11624.7	6527.9
10°	90488.7	116896.9	136940.8	148548.7	136940.8	116896.9	90488.7	63066.3	40377.1	21988.8	11471.5
7.5°	154098.7	198858.3	225022.9	238341.2	225022.9	198858.3	154098.7	105297.4	64420.7	36555.6	19224.4
5°	232424.1	290204.3	326720.0	346798.9	326720.0	290204.3	232424.1	157190.5	93890.1	52930.0	26714.7
2.5°	290319.8	364446.2	419182.1	444928.8	419182.1	364446.2	290319.8	204695.4	120786.3	67110.6	31484.9
0°	311283.0	389052.8	451624.4	489109.3	451624.4	389052.8	311283.0	217541.4	131958.6	74274.3	34526.2
-2.5°	291271.1	364280.1	413014.8	435693.1	413014.8	364280.1	291271.1	202850.5	120890.6	68219.4	32106.1
-5°	247684.6	310806.2	345828.0	360653.0	345828.0	310806.2	247684.6	171887.5	103416.0	60568.3	29214.3
-7.5°	175727.8	223877.4	248492.2	263094.9	248492.2	223877.4	175727.8	122104.9	76516.6	44086.8	22123.0
-10°	110637.7	137705.4	161251.0	171902.1	161251.0	137705.4	110637.7	77630.9	51650.9	29127.5	14490.9
-12.5°	64252.6	81389.5	95166.4	101018.8	95166.4	81389.5	64252.6	47511.3	29299.8	18631.3	9876.9
-15°	35507.8	44872.7	51215.6	53696.7	51215.6	44872.7	35507.8	25210.5	17365.1	10201.7	4744.0
-17.5°	19745.0	24289.4	26092.2	28983.4	26092.2	24289.4	19745.0	13889.8	8998.0	4533.6	2674.4
-20°	9673.3	12029.7	12785.2	14824.5	12785.2	12029.7	9673.3	6194.1	4086.7	2375.6	1919.0



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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°	3757.5	4313.6	4437.6	5404.8	4437.6	4313.6	3757.5	2767.5	2039.3	1806.1	1654.5
-25°	1951.4	2045.1	2088.6	2202.2	2088.6	2045.1	1951.4	1810.6	1663.2	1590.1	1539.1
-27.5°	1640.3	1685.8	1722.0	1776.7	1722.0	1685.8	1640.3	1589.9	1527.6	1570.3	1613.8
-30°	1598.7	1590.7	1591.8	1597.5	1591.8	1590.7	1598.7	1617.4	1641.8	1715.9	1822.4
-32.5°	1778.8	1751.1	1737.4	1685.9	1737.4	1751.1	1778.8	1821.8	1875.9	1928.0	1973.6
-35°	2021.5	2019.2	2020.9	1996.9	2020.9	2019.2	2021.5	2030.3	2044.7	2063.9	2069.8
-37.5°	2154.9	2158.8	2163.6	2156.2	2163.6	2158.8	2154.9	2154.2	2152.8	2157.7	2096.3
-40°	2223.7	2235.0	2242.9	2240.8	2242.9	2235.0	2223.7	2211.6	2176.7	2130.9	2018.7
-42.5°	2207.2	2234.9	2248.6	2253.2	2248.6	2234.9	2207.2	2162.4	2072.6	1959.6	1801.0
-45°	2021.6	2134.9	2203.2	2222.1	2203.2	2134.9	2021.6	1875.8	1716.5	1563.9	1411.3
-47.5°	1448.1	1615.8	1773.1	1911.1	1773.1	1615.8	1448.1	1266.0	1104.1	950.8	781.9
-50°	735.8	754.7	793.5	849.8	793.5	754.7	735.8	715.3	698.9	686.7	667.4
-52.5°	667.3	678.2	689.0	699.2	689.0	678.2	667.3	655.3	643.1	632.4	619.5
-55°	628.8	635.5	640.6	644.5	640.6	635.5	628.8	621.7	614.3	609.6	605.7
-57.5°	608.6	619.8	629.3	637.0	629.3	619.8	608.6	595.2	579.5	567.3	554.6
-60°	532.7	544.9	556.4	566.1	556.4	544.9	532.7	518.4	502.2	490.2	478.2
-62.5°	446.9	457.7	468.9	479.0	468.9	457.7	446.9	434.0	419.0	406.5	394.2
-65°	365.2	375.7	385.0	393.2	385.0	375.7	365.2	353.3	339.8	327.6	315.1
-67.5°	302.7	314.5	326.4	337.2	326.4	314.5	302.7	289.7	275.8	261.8	247.9
-70°	232.2	242.0	250.3	257.5	250.3	242.0	232.2	221.4	209.5	197.0	184.6
-72.5°	161.0	170.2	180.7	190.4	180.7	170.2	161.0	150.9	139.8	128.6	119.1
-75°	86.9	93.5	99.8	105.8	99.8	93.5	86.9	79.9	72.6	66.1	63.1
-77.5°	58.3	64.1	68.3	72.2	68.3	64.1	58.3	52.5	46.7	41.3	39.0
-80°	43.0	47.0	50.3	53.5	50.3	47.0	43.0	38.9	34.8	30.9	29.4
-82.5°	31.5	34.7	37.3	39.8	37.3	34.7	31.5	28.2	24.9	21.7	20.6
-85°	25.4	28.6	31.1	33.6	31.1	28.6	25.4	22.3	19.1	15.9	14.9
-87.5°	22.9	26.2	28.0	29.9	28.0	26.2	22.9	19.5	16.2	12.7	11.8
-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°	15.5	12.1	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
87.5°	1.9	2.2	2.5	2.8	3.1	3.4	3.7	3.7	3.7	3.7	3.7
85°	2.4	2.5	2.5	2.8	3.1	3.4	3.7	3.9	4.1	4.2	4.2
82.5°	3.0	3.2	3.4	3.4	3.5	3.6	3.7	4.1	4.4	4.7	5.0
80°	3.1	3.4	3.7	3.9	4.0	4.1	4.1	4.3	4.5	4.7	5.0
77.5°	3.5	3.6	3.8	4.3	4.6	5.0	5.2	5.3	5.5	5.6	5.7
75°	4.9	4.9	5.0	5.6	5.9	6.0	6.1	6.0	6.0	6.1	6.2
72.5°	8.2	8.2	8.5	9.2	9.6	10.0	9.8	9.0	8.1	6.9	6.2
70°	11.3	11.8	13.0	14.9	16.1	16.7	16.5	15.2	13.1	11.3	9.7
67.5°	12.7	13.7	15.7	18.4	20.4	22.1	23.8	24.6	23.6	21.3	15.8
65°	12.6	14.2	15.7	17.2	19.5	22.9	28.9	31.9	32.7	31.4	24.5
62.5°	10.4	12.0	13.1	14.4	16.0	19.6	27.6	34.2	39.1	39.0	31.0
60°	8.0	8.8	9.9	11.2	12.6	16.3	23.7	32.3	42.3	40.0	34.3
57.5°	7.4	7.9	8.7	9.4	9.9	12.9	18.5	26.2	35.5	35.6	33.3
55°	8.4	8.9	9.3	9.6	10.1	11.3	13.5	18.2	25.2	27.1	26.7
52.5°	8.7	9.3	10.1	10.8	10.9	11.0	11.7	14.2	16.3	19.1	20.4
50°	9.9	10.0	10.4	11.0	11.3	11.3	11.4	12.1	13.5	14.7	15.6
47.5°	11.2	11.3	11.1	11.3	11.8	11.8	11.7	11.7	12.7	13.3	13.9
45°	13.6	13.5	13.2	13.5	13.3	13.2	12.8	13.2	13.3	13.7	13.7
42.5°	24.6	19.7	16.4	18.0	18.4	17.2	15.5	15.9	15.6	15.0	16.0
40°	33.7	38.3	33.3	26.7	25.0	24.2	22.1	19.8	19.1	17.7	19.8
37.5°	40.0	39.0	48.0	51.6	41.6	33.7	30.9	26.7	23.8	24.6	26.0
35°	61.3	59.2	60.1	64.6	67.6	58.1	45.2	36.7	32.1	33.0	33.6
32.5°	93.6	87.6	87.1	84.9	88.9	88.2	72.6	54.5	46.9	44.5	42.5
30°	119.1	112.9	105.5	118.7	125.8	120.2	104.8	92.7	76.2	58.6	53.0
27.5°	149.7	145.3	133.9	160.0	174.4	165.1	155.1	143.9	114.5	86.3	69.4
25°	208.5	194.4	203.6	221.7	233.8	226.5	215.2	199.6	168.8	127.6	104.4
22.5°	293.5	288.0	288.1	288.2	319.7	311.0	280.6	257.9	251.8	233.1	174.5
20°	454.6	420.3	392.6	433.6	465.6	417.3	356.8	384.1	431.3	387.2	270.1
17.5°	805.3	682.2	617.5	676.5	673.6	584.6	627.0	645.6	645.3	579.0	385.1
15°	1406.8	1154.8	1028.0	969.8	966.9	1022.2	1066.9	951.6	891.6	786.5	572.9
12.5°	2917.2	1728.5	1473.1	1345.9	1367.5	1449.0	1516.0	1354.3	1179.3	1087.6	888.9
10°	5209.0	2778.0	2028.1	1815.6	1759.5	1834.7	1870.3	1709.4	1509.5	1419.7	1226.1
7.5°	9915.5	4570.4	2596.1	2249.6	2084.9	2064.7	2078.3	1983.0	1820.1	1740.1	1574.5
5°	13994.5	5813.6	3029.8	2586.4	2359.8	2298.3	2287.0	2207.0	2115.1	2050.5	1921.6
2.5°	14965.2	6007.9	3404.0	2896.7	2611.3	2528.7	2518.3	2390.7	2312.3	2215.5	2073.9
0°	17270.6	7007.3	3533.5	3009.7	2749.7	2724.8	2784.5	2559.3	2464.7	2349.0	2199.7
-2.5°	15427.7	6209.7	3406.6	2947.5	2727.9	2751.2	2879.0	2710.2	2568.5	2394.8	2171.3
-5°	12972.2	5445.1	3185.9	2750.1	2570.4	2640.3	2814.9	2733.8	2589.1	2404.2	2103.1
-7.5°	9936.6	4486.8	2900.9	2520.3	2385.1	2488.0	2655.4	2607.6	2453.8	2295.5	1963.8
-10°	6186.0	3339.7	2508.1	2244.5	2201.2	2358.1	2518.6	2462.9	2320.1	2184.1	1801.9
-12.5°	4317.4	2497.3	2107.0	1959.3	2030.7	2265.6	2400.1	2306.1	2192.1	2073.7	1623.8
-15°	2555.6	2062.6	1872.4	1819.8	1932.8	2167.4	2277.5	2186.9	2098.8	1965.8	1435.3
-17.5°	1998.7	1763.2	1686.7	1758.1	1924.9	2066.0	2141.6	2092.0	1988.9	1786.1	1208.8
-20°	1712.1	1630.4	1665.7	1757.5	1903.9	2007.4	2049.5	1987.9	1856.2	1505.9	978.1



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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°	1590.3	1662.0	1737.8	1804.9	1846.8	1916.7	1934.2	1865.0	1706.2	1210.0	753.6
-25°	1636.4	1772.4	1878.3	1889.0	1833.8	1829.3	1825.0	1726.9	1408.3	936.7	565.0
-27.5°	1759.7	1919.8	2009.3	1961.1	1857.3	1764.3	1704.3	1556.7	1102.7	721.8	531.4
-30°	1920.7	2003.2	2030.0	1946.8	1820.0	1720.3	1598.2	1222.5	850.1	557.5	506.4
-32.5°	2011.4	2020.8	1981.3	1857.1	1755.1	1662.9	1324.4	916.9	614.7	531.0	493.4
-35°	2063.4	1971.2	1854.0	1772.8	1714.2	1405.0	1029.3	684.0	548.2	508.3	483.2
-37.5°	1988.3	1847.1	1769.1	1671.7	1410.3	1084.6	726.9	577.0	525.3	496.8	480.0
-40°	1877.4	1764.7	1556.0	1332.0	1029.8	702.1	603.6	555.5	519.3	490.6	480.5
-42.5°	1621.7	1427.4	1174.7	886.4	659.7	620.5	582.3	545.8	517.8	498.1	458.6
-45°	1177.9	926.8	701.1	660.5	622.9	593.2	567.3	545.4	526.7	480.8	429.8
-47.5°	724.9	683.0	646.4	620.6	594.0	573.0	566.7	553.5	501.0	450.1	398.8
-50°	646.9	627.2	607.1	590.5	582.5	575.5	549.8	513.3	462.4	411.6	362.6
-52.5°	606.2	600.5	594.4	588.1	564.0	533.0	499.8	460.8	415.6	366.9	319.7
-55°	602.8	585.1	561.5	536.5	508.6	474.5	439.4	402.4	361.5	316.6	275.7
-57.5°	540.9	522.6	497.0	469.7	440.5	408.2	374.1	339.0	305.2	267.6	231.2
-60°	464.3	447.4	421.7	394.7	366.5	337.0	306.8	277.2	248.4	220.7	191.3
-62.5°	379.3	361.7	339.6	316.1	290.7	264.0	240.9	220.7	199.7	176.2	149.4
-65°	299.6	280.6	260.2	242.8	224.3	204.5	187.3	169.3	150.1	129.5	106.5
-67.5°	233.0	217.1	201.5	185.3	168.1	149.6	133.7	117.4	103.1	88.8	72.4
-70°	171.6	158.0	143.8	128.7	114.0	100.6	89.3	78.0	65.5	55.6	47.2
-72.5°	109.4	99.7	89.8	79.6	69.8	62.4	55.3	48.3	41.5	34.8	29.9
-75°	59.6	55.4	50.6	45.5	40.0	34.4	31.5	30.2	28.6	26.9	25.0
-77.5°	36.7	34.4	32.4	30.9	29.4	27.9	26.5	25.0	23.6	22.3	21.1
-80°	27.9	26.4	24.8	23.7	22.6	21.6	20.7	19.8	19.0	18.4	17.8
-82.5°	19.4	18.1	16.9	16.6	16.2	15.7	15.3	15.0	14.7	14.5	14.3
-85°	13.8	12.8	11.7	11.6	11.4	11.2	11.1	11.2	11.3	11.4	11.5
-87.5°	10.8	9.8	8.7	8.7	8.7	8.7	8.7	9.0	9.2	9.4	9.6
-90°	1.9	2.2	2.5	2.8	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°	8.4	8.1	7.8	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
87.5°	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.2	6.2	6.2
85°	4.4	4.5	4.8	5.0	5.3	5.6	5.9	6.2	6.2	6.2	6.2
82.5°	5.0	5.0	4.9	5.0	5.3	5.6	5.9	6.2	6.2	6.2	6.2
80°	5.2	5.4	5.4	5.4	5.5	5.6	5.9	6.2	6.2	6.2	6.2
77.5°	5.7	5.8	6.0	6.0	5.9	5.9	6.0	6.2	6.2	6.2	6.2
75°	6.2	6.1	6.1	6.3	6.3	6.2	6.1	6.3	6.3	6.2	6.2
72.5°	6.2	6.2	6.2	6.4	6.5	6.6	6.4	6.3	6.5	6.5	6.3
70°	8.0	6.6	6.2	6.4	6.7	7.0	6.9	6.8	6.7	6.7	6.6
67.5°	11.2	9.3	7.7	6.7	6.8	7.1	7.4	7.3	7.2	7.0	6.9
65°	18.1	13.1	9.8	8.4	7.5	7.2	7.5	7.8	7.7	7.5	7.3
62.5°	23.9	17.5	13.1	10.4	8.7	7.8	7.6	8.0	8.1	7.9	7.7
60°	28.7	21.4	16.5	13.3	10.5	8.6	8.1	8.2	8.4	8.3	8.0
57.5°	27.9	23.9	20.4	16.4	13.0	10.0	8.7	8.7	8.7	8.7	8.4
55°	24.9	22.2	22.9	20.0	15.7	12.1	9.9	9.3	9.2	9.1	8.9
52.5°	19.5	21.0	23.2	22.6	18.9	14.4	11.8	9.8	9.7	9.5	9.4
50°	15.5	18.8	23.0	24.2	21.9	17.4	13.7	11.3	10.2	10.0	10.0
47.5°	15.1	18.0	21.0	25.4	24.4	20.0	15.8	12.9	10.7	10.4	10.6
45°	16.3	18.6	20.4	23.7	26.5	22.0	17.8	14.3	12.0	11.2	11.3
42.5°	18.5	20.4	21.8	22.2	25.3	23.4	19.6	15.8	13.1	12.0	12.1
40°	21.8	23.1	23.9	24.3	24.3	24.5	20.7	17.2	14.3	13.1	12.9
37.5°	25.7	26.6	26.9	27.8	25.1	24.4	21.4	18.2	15.9	14.5	13.7
35°	32.5	30.9	32.0	32.5	29.2	24.9	21.9	19.0	17.7	15.9	14.6
32.5°	40.5	38.5	39.2	37.9	34.5	26.2	22.5	21.1	19.7	17.2	15.6
30°	51.5	52.5	48.0	44.2	40.4	31.0	24.9	23.4	21.8	18.6	16.6
27.5°	72.1	69.8	59.4	52.5	46.3	37.3	29.7	26.0	24.0	20.1	17.7
25°	98.3	90.6	76.2	62.3	52.8	56.1	35.1	29.0	26.3	21.9	18.9
22.5°	133.2	114.6	95.2	73.1	80.4	81.0	45.8	33.4	28.6	23.7	19.9
20°	173.0	141.4	123.7	116.1	113.6	105.8	64.0	38.2	31.1	25.6	21.0
17.5°	224.4	197.5	192.2	169.1	150.2	133.0	85.6	43.2	33.6	27.5	22.0
15°	378.8	289.4	265.4	227.4	189.1	162.2	109.6	48.4	36.3	29.4	22.4
12.5°	579.5	384.2	342.1	289.6	229.7	192.7	135.3	53.7	38.9	30.2	22.1
10°	805.1	480.9	421.3	354.5	271.4	224.1	161.9	58.7	40.1	30.2	21.8
7.5°	1045.3	578.4	501.7	420.6	312.1	253.5	188.3	63.4	41.1	30.0	21.4
5°	1263.3	658.2	565.3	470.8	344.3	279.5	213.7	67.9	42.1	29.7	20.9
2.5°	1358.0	708.6	616.4	516.0	375.2	304.1	237.2	72.1	42.9	29.2	20.5
0°	1427.1	755.2	664.4	557.4	404.4	327.2	257.5	75.9	43.5	28.6	19.9
-2.5°	1361.1	747.7	653.7	555.7	414.0	332.0	258.5	87.7	52.1	33.7	22.0
-5°	1274.2	736.5	640.5	550.3	421.0	334.9	256.0	98.7	60.2	38.5	24.0
-7.5°	1198.2	708.1	620.9	540.6	425.1	335.6	251.0	108.7	67.8	43.0	25.8
-10°	1101.7	669.1	592.6	518.1	419.0	333.7	244.3	117.6	74.5	46.8	27.3
-12.5°	975.3	629.1	563.9	496.0	409.9	329.8	238.5	125.9	80.5	50.0	28.6
-15°	817.7	588.6	535.4	475.3	399.8	324.7	231.7	133.2	86.7	53.2	29.5
-17.5°	630.9	548.5	507.8	457.1	388.8	318.5	224.4	138.9	91.8	56.7	30.9
-20°	575.5	520.2	481.9	442.5	377.3	311.3	217.2	142.9	95.8	59.2	32.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	546.2	502.1	468.0	427.5	366.0	303.4	210.5	145.0	98.7	60.6	33.3
-25°	516.1	484.9	457.8	413.0	355.0	291.2	207.9	145.2	100.2	61.0	33.4
-27.5°	494.1	470.2	449.7	397.7	342.0	281.0	207.2	146.4	100.5	60.1	32.7
-30°	477.0	462.0	434.1	381.7	327.7	266.4	204.1	146.1	99.3	59.0	31.2
-32.5°	468.6	457.0	415.5	364.7	310.6	250.8	194.6	143.9	96.5	57.1	30.3
-35°	468.6	442.7	396.5	346.3	292.1	236.1	182.8	140.1	92.0	54.0	29.3
-37.5°	467.0	421.9	375.2	326.1	273.0	220.4	171.7	129.5	85.8	49.6	27.7
-40°	442.8	398.4	352.1	304.6	254.2	203.5	158.7	117.3	79.2	43.9	25.5
-42.5°	416.4	371.7	326.4	282.0	234.8	187.3	143.9	103.9	69.5	39.7	22.8
-45°	385.9	342.3	298.0	256.5	214.4	169.0	127.7	89.6	58.6	35.9	20.7
-47.5°	352.6	309.0	267.9	229.2	191.3	148.9	110.1	76.5	47.1	31.3	20.0
-50°	314.0	273.8	236.1	200.6	164.7	127.9	92.0	62.5	40.5	25.6	19.1
-52.5°	275.7	237.2	204.1	171.5	138.5	105.4	75.4	48.4	33.6	22.7	18.1
-55°	236.0	201.9	172.5	142.0	111.5	84.6	57.8	40.1	26.2	21.1	17.0
-57.5°	199.4	168.4	139.9	111.7	86.8	63.6	45.0	31.4	23.1	19.4	16.3
-60°	162.4	133.3	106.3	84.6	63.6	46.9	34.7	24.6	21.1	17.8	15.5
-62.5°	122.9	98.1	78.0	59.2	45.8	35.2	25.6	22.4	19.1	16.8	14.6
-65°	87.8	69.0	51.4	42.5	33.1	25.7	23.0	20.1	17.8	15.7	13.7
-67.5°	56.0	46.5	37.2	28.9	25.2	22.9	20.4	18.5	16.5	14.6	13.1
-70°	38.8	30.7	26.5	24.2	22.1	20.1	18.7	17.1	15.3	13.9	12.5
-72.5°	27.5	25.1	22.9	20.9	19.7	18.4	17.1	15.7	14.4	13.1	11.8
-75°	23.0	21.4	20.1	18.9	17.7	16.6	15.7	14.8	13.6	12.4	11.1
-77.5°	19.9	18.8	17.8	16.8	15.9	15.2	14.5	13.8	12.6	11.4	10.3
-80°	16.9	16.1	15.4	14.7	14.2	13.7	13.1	12.5	11.4	10.4	9.5
-82.5°	13.8	13.4	13.0	12.7	12.3	11.8	11.4	10.9	10.1	9.4	8.9
-85°	11.3	11.1	10.8	10.5	10.3	10.0	9.8	9.6	9.2	8.8	8.4
-87.5°	9.5	9.3	9.1	8.9	8.8	8.7	8.7	8.6	8.3	8.1	8.0
-90°	4.0	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.2	6.2	6.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.5	7.2	6.9	6.5	6.2	6.2	6.2
87.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2
85°	6.2	6.2	6.2	6.2	6.2	6.2	6.2
82.5°	6.2	6.2	6.2	6.2	6.2	6.2	6.2
80°	6.2	6.2	6.2	6.2	6.2	6.2	6.2
77.5°	6.2	6.3	6.2	6.2	6.2	6.2	6.2
75°	6.3	6.4	6.2	6.2	6.2	6.2	6.2
72.5°	6.3	6.6	6.5	6.2	6.2	6.2	6.2
70°	6.5	6.8	6.7	6.2	6.2	6.2	6.2
67.5°	6.8	7.0	7.0	6.5	6.2	6.2	6.2
65°	7.2	7.2	7.2	6.7	6.2	6.2	6.2
62.5°	7.6	7.6	7.5	7.0	6.2	6.2	6.2
60°	8.0	7.9	7.8	7.3	6.2	6.2	6.2
57.5°	8.4	8.2	8.0	7.5	6.4	6.2	6.2
55°	8.8	8.5	8.3	7.8	6.5	6.2	6.2
52.5°	9.2	8.8	8.5	8.1	6.7	6.2	6.2
50°	9.7	9.2	8.8	8.3	6.8	6.2	6.2
47.5°	10.2	9.6	9.0	8.6	7.0	6.2	6.2
45°	10.8	10.0	9.2	8.8	7.1	6.2	6.2
42.5°	11.4	10.5	9.5	9.0	7.2	6.2	6.2
40°	12.1	10.9	9.8	9.0	7.3	6.2	6.2
37.5°	12.8	11.3	10.1	9.1	7.4	6.2	6.2
35°	13.6	11.8	10.4	9.1	7.5	6.2	6.2
32.5°	14.3	12.4	10.8	9.1	7.5	6.2	6.2
30°	15.1	13.0	11.1	9.2	7.6	6.2	6.2
27.5°	15.9	13.6	11.2	9.2	7.6	6.2	6.2
25°	16.7	14.2	11.2	9.2	7.7	6.2	6.2
22.5°	17.5	14.6	11.2	9.2	7.7	6.2	6.2
20°	18.3	14.6	11.2	9.1	7.7	6.2	6.2
17.5°	18.5	14.5	11.1	9.1	7.7	6.2	6.2
15°	18.1	14.3	11.0	9.1	7.7	6.2	6.2
12.5°	17.7	14.1	10.9	9.0	7.7	6.2	6.2
10°	17.3	13.8	10.7	9.0	7.7	6.2	6.2
7.5°	16.7	13.5	10.6	8.9	7.6	6.2	6.2
5°	16.2	13.2	10.4	8.9	7.6	6.2	6.2
2.5°	15.6	12.8	10.2	8.8	7.5	6.2	6.2
0°	14.9	12.4	10.0	8.7	7.5	6.2	6.2
-2.5°	15.6	12.5	10.1	8.7	7.5	6.2	6.2
-5°	16.2	12.6	10.2	8.7	7.5	6.3	6.2
-7.5°	16.7	12.7	10.3	8.7	7.5	6.3	6.2
-10°	17.1	12.8	10.3	8.6	7.5	6.3	6.2
-12.5°	17.5	12.8	10.3	8.6	7.5	6.3	6.2
-15°	17.7	12.8	10.4	8.6	7.4	6.4	6.2
-17.5°	17.8	12.8	10.3	8.5	7.4	6.4	6.2
-20°	18.1	12.8	10.3	8.5	7.4	6.4	6.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.6	12.7	10.2	8.4	7.4	6.4	6.2
-25°	18.8	12.8	10.1	8.4	7.4	6.4	6.2
-27.5°	18.7	12.9	10.0	8.3	7.3	6.5	6.2
-30°	18.2	13.0	9.9	8.2	7.3	6.5	6.2
-32.5°	17.4	13.0	9.8	8.1	7.3	6.5	6.2
-35°	17.0	12.9	9.8	8.0	7.3	6.5	6.2
-37.5°	16.9	12.7	9.7	8.0	7.3	6.5	6.2
-40°	16.6	12.6	9.6	7.9	7.3	6.5	6.2
-42.5°	16.2	12.4	9.5	7.8	7.3	6.5	6.2
-45°	15.8	12.2	9.5	7.8	7.3	6.5	6.2
-47.5°	15.2	11.9	9.4	7.7	7.3	6.5	6.2
-50°	14.7	11.6	9.4	7.8	7.3	6.5	6.2
-52.5°	14.3	11.3	9.3	7.8	7.3	6.5	6.2
-55°	13.8	11.1	9.2	7.8	7.3	6.5	6.2
-57.5°	13.2	10.9	9.0	7.9	7.3	6.5	6.2
-60°	12.7	10.6	8.9	7.9	7.3	6.5	6.2
-62.5°	12.3	10.4	8.8	7.9	7.3	6.5	6.2
-65°	11.9	10.1	8.7	7.8	7.2	6.4	6.2
-67.5°	11.4	9.8	8.6	7.8	7.1	6.4	6.2
-70°	11.0	9.5	8.4	7.8	7.0	6.4	6.2
-72.5°	10.5	9.2	8.3	7.6	6.9	6.4	6.2
-75°	9.9	8.9	8.1	7.5	6.8	6.4	6.2
-77.5°	9.3	8.5	7.9	7.3	6.7	6.3	6.2
-80°	8.7	8.2	7.7	7.2	6.6	6.3	6.2
-82.5°	8.4	8.0	7.5	7.0	6.5	6.3	6.2
-85°	8.1	7.7	7.3	6.9	6.4	6.3	6.2
-87.5°	7.8	7.4	7.1	6.7	6.3	6.2	6.2
-90°	6.2	6.2	6.2	6.2	6.2	6.2	6.2

(END OF REPORT)