

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: P1306165 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-3S-CV1-A**

Issue Date: 2/3/2026

Test Information

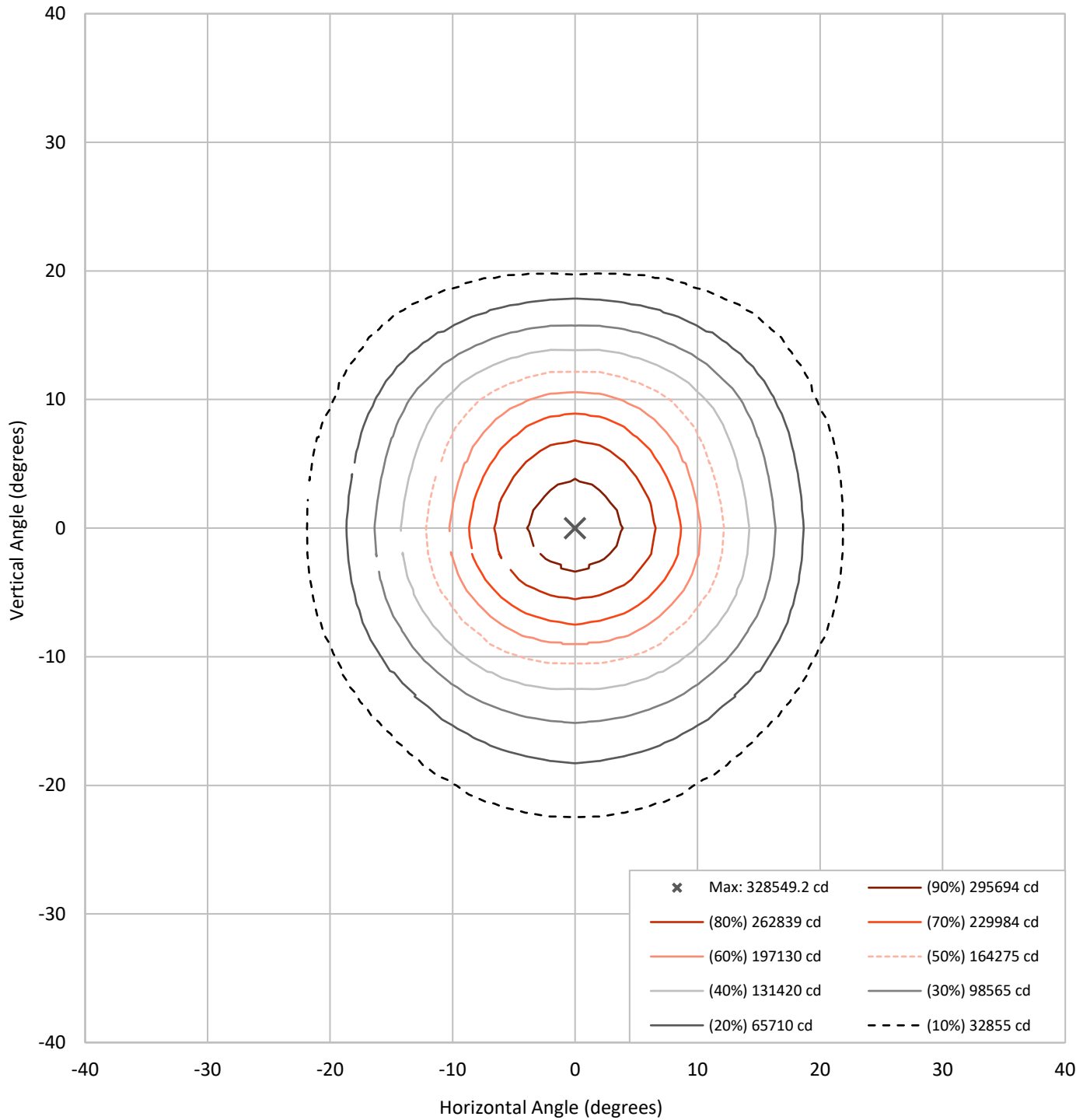
Test Method: LM-79-08
Report Number: P1306165 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-80-3S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 3S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	68094.5 lumens	Max Intensity:	328549.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	122.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	24.3°H x 22.7°V	Field Angle (10%):	43.8°H x 42.1°V
Beam Lumens:	32109.7 lumens	Field Lumens:	58007.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	85.2%
Input Watts (W):	554		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot



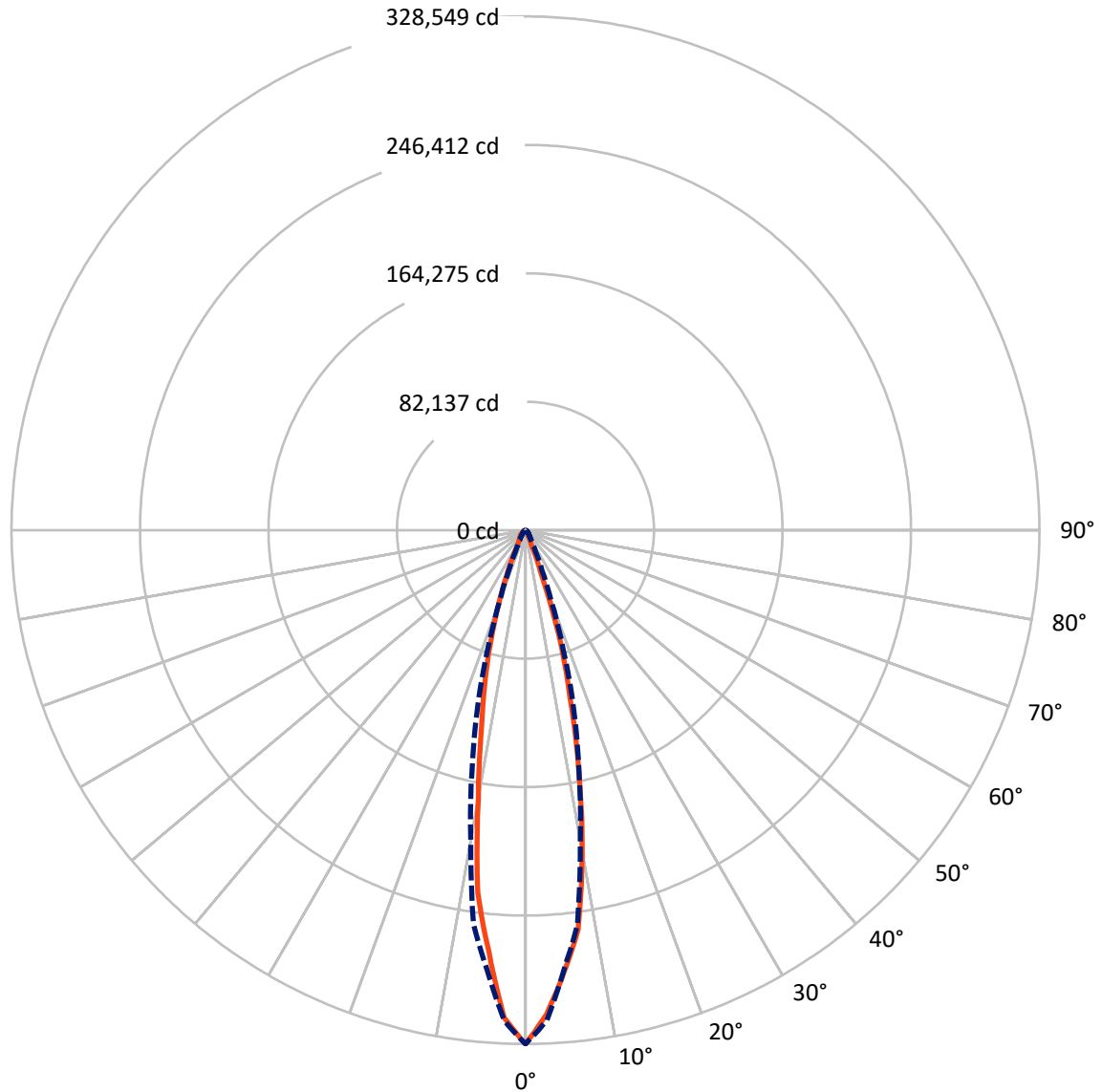
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Lumen Table

90	0.1	0.2		0.4		0.4		0.4		0.4		0.4		0.2	0.1
80	0.1	0.2		0.4		0.4		0.4		0.4		0.4		0.2	0.1
70	0.1	0.1	0.1	0.6	0.7	0.5	0.4	0.3	0.3	0.4	0.5	0.7	0.6	0.1	0.1
60		0.1	0.4	0.7	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.7	0.4	0.1
50	0.1	0.2	0.6	0.6	0.7	1.0	1.8	1.2	1.2	1.8	1.0	0.7	0.6	0.6	0.2
40		0.4	1.1	2.7	4.8	6.9	9.5	11.4	11.4	9.5	6.9	4.8	2.7	1.1	0.4
30	0.2	0.6	4.6	14.5	33.6	55.9	114.9	221.1	221.1	114.9	55.9	33.6	14.5	4.6	0.6
20		1.4	9.9	37.0	89.5	237.0	1305.0	3079.7	3079.7	1305.0	237.0	89.5	37.0	9.9	1.4
10	0.3	2.2	13.2	49.2	115.2	505.5	3128.5	7337.0	7337.0	3128.5	505.5	115.2	49.2	13.2	2.2
0		2.7	14.1	50.0	115.4	500.5	3073.9	7031.1	7031.1	3073.9	500.5	115.4	50.0	14.1	2.7
-10	0.6	3.2	13.4	41.5	90.8	238.9	1246.3	2812.8	2812.8	1246.3	238.9	90.8	41.5	13.4	3.2
-20		3.3	12.4	31.1	77.4	135.5	310.1	634.0	634.0	310.1	135.5	77.4	31.1	12.4	3.3
-30	0.5	2.9	10.7	23.5	57.1	112.0	157.3	193.2	193.2	157.3	112.0	57.1	23.5	10.7	2.9
-40		2.1	8.1	18.6	34.6	61.5	100.7	128.9	128.9	100.7	61.5	34.6	18.6	8.1	2.1
-50	0.3	1.0	4.9	12.5	23.6	36.4	48.7	56.4	56.4	48.7	36.4	23.6	12.5	4.9	1.0
-60		0.4	1.7	5.4	11.0	17.5	23.9	27.5	27.5	23.9	17.5	11.0	5.4	1.7	0.4
-70	0.1	1.0		3.5		8.9		12.1		8.9		3.5		1.0	
-80		1.0		3.5		8.9		12.1		8.9		3.5		1.0	
-90	0.1	1.0		3.5		8.9		12.1		8.9		3.5		1.0	

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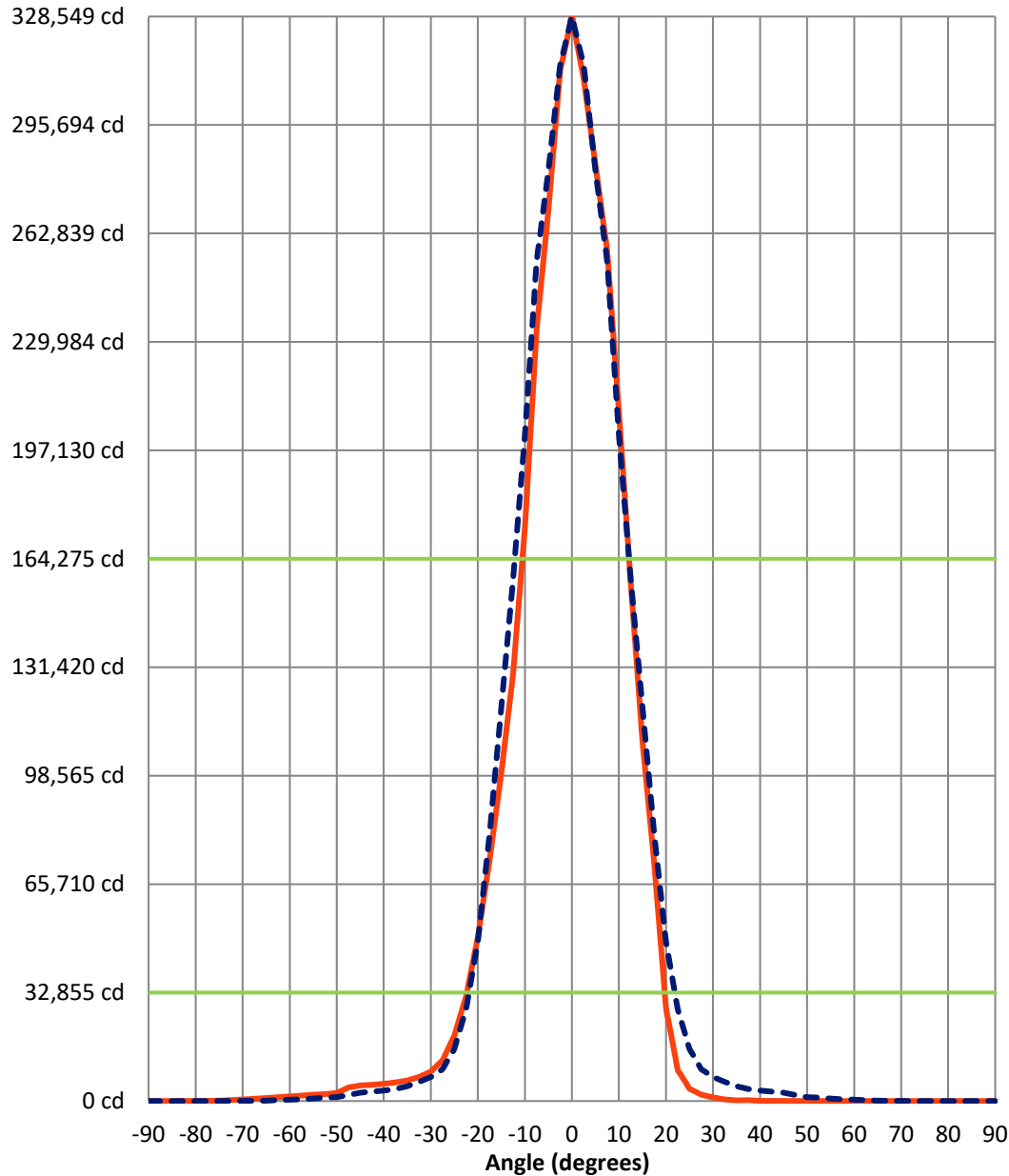
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 24.3°
V Angle: 22.7°
Lumens: 32109.7
Efficiency: 47.2%

Field:
H Angle: 43.8°
V Angle: 42.1°
Lumens: 58007.6
Efficiency: 85.2%

Spill:
Lumens: 10086.8
Efficiency: 14.8%

— 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°	3.3	4.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
87.5°	3.3	3.4	3.4	3.5	3.4	3.4	3.3	3.3	3.3	3.3	3.3
85°	3.3	3.4	3.6	3.6	3.6	3.5	3.3	3.3	3.3	3.3	3.3
82.5°	3.3	3.5	3.7	3.8	3.7	3.6	3.3	3.3	3.3	3.4	3.3
80°	3.3	3.6	3.9	4.0	3.9	3.7	3.4	3.6	3.6	3.6	3.3
77.5°	3.3	3.7	4.0	4.1	4.1	3.9	3.8	4.0	3.9	3.8	3.4
75°	3.3	3.7	4.2	4.3	4.2	4.1	4.3	4.4	4.3	3.8	3.4
72.5°	3.3	3.8	4.3	4.5	4.4	4.4	4.7	4.7	4.3	3.9	3.5
70°	3.3	3.9	4.5	4.7	4.5	4.7	5.0	4.7	4.3	3.9	4.0
67.5°	3.3	4.0	4.6	4.7	4.7	4.9	5.0	4.8	4.4	4.4	4.6
65°	3.3	4.0	4.7	4.8	4.8	5.0	5.0	4.8	4.6	4.7	5.0
62.5°	3.3	4.1	4.9	4.8	4.9	5.0	5.0	4.9	4.8	5.1	5.2
60°	3.3	4.1	5.0	4.9	5.0	5.0	5.0	5.0	5.0	5.4	5.5
57.5°	3.3	4.2	5.0	4.9	5.0	5.0	5.1	5.0	5.3	5.7	5.7
55°	3.3	4.3	5.0	4.9	5.0	5.0	5.2	5.1	5.8	6.1	6.1
52.5°	3.3	4.3	5.0	5.0	5.0	5.0	5.3	5.5	6.2	6.6	6.5
50°	3.3	4.4	5.0	5.0	5.0	5.2	5.5	6.0	6.7	7.1	8.8
47.5°	3.3	4.4	5.0	5.0	5.0	5.4	5.7	6.5	7.2	7.6	11.1
45°	3.3	4.5	5.0	5.0	5.0	5.5	6.1	6.9	7.8	9.4	13.1
42.5°	3.3	4.6	5.0	5.0	5.0	5.7	6.5	7.4	8.2	11.0	16.9
40°	3.3	4.6	5.0	5.0	5.1	6.0	6.8	7.8	9.0	12.5	20.8
37.5°	3.3	4.6	5.0	5.0	5.3	6.2	7.2	8.2	10.1	14.4	24.5
35°	3.3	4.7	5.0	5.0	5.4	6.5	7.5	8.6	11.2	17.7	27.6
32.5°	3.3	4.7	5.0	5.0	5.6	6.7	7.9	9.0	12.1	21.1	30.3
30°	3.3	4.8	5.0	5.0	5.8	7.0	8.2	9.5	12.9	24.5	33.1
27.5°	3.3	4.8	5.0	5.0	5.9	7.2	8.5	10.2	14.4	27.8	36.0
25°	3.3	4.8	5.0	5.0	6.1	7.5	8.8	10.8	17.1	30.5	39.1
22.5°	3.3	4.9	5.0	5.0	6.2	7.7	9.1	11.4	19.6	32.9	44.6
20°	3.3	4.9	5.0	5.0	6.3	7.8	9.3	11.8	22.0	35.3	50.5
17.5°	3.3	4.9	5.0	5.0	6.4	7.9	9.6	12.2	24.3	37.6	56.6
15°	3.3	4.9	5.0	5.0	6.5	8.0	9.9	12.8	26.4	39.8	62.9
12.5°	3.3	5.0	5.0	5.0	6.5	8.1	10.2	13.5	28.8	42.0	69.3
10°	3.3	5.0	5.0	5.0	6.6	8.2	10.6	14.2	31.5	45.4	76.4
7.5°	3.3	5.0	5.0	5.0	6.6	8.2	10.9	14.9	34.1	48.9	85.1
5°	3.3	5.0	5.0	5.0	6.7	8.3	11.2	15.5	36.4	52.3	93.5
2.5°	3.3	5.0	5.0	5.0	6.7	8.3	11.5	16.1	38.4	55.5	101.4
0°	3.3	5.0	5.0	5.0	6.7	8.3	11.7	16.7	40.1	58.4	108.5
-2.5°	3.3	5.0	5.1	5.2	7.0	9.0	13.7	21.9	49.3	73.4	127.8
-5°	3.3	5.0	5.1	5.4	7.3	9.7	15.6	26.9	57.9	87.8	145.9
-7.5°	3.3	5.0	5.2	5.6	7.5	10.4	17.4	31.6	65.8	101.3	162.5
-10°	3.3	5.0	5.3	5.8	7.8	11.0	19.0	35.8	72.9	113.7	177.4
-12.5°	3.3	5.0	5.4	6.0	8.0	11.6	20.4	39.5	78.8	124.7	192.5
-15°	3.3	4.9	5.4	6.2	8.2	12.0	21.5	42.4	84.1	134.6	205.9
-17.5°	3.3	4.9	5.5	6.4	8.4	12.4	22.4	45.2	88.8	143.0	216.1
-20°	3.3	4.9	5.5	6.6	8.6	12.7	23.2	47.5	91.9	149.5	222.9



REPORT NUMBER: P1306165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.3	4.9	5.6	6.7	8.7	12.9	24.0	48.9	93.4	154.2	226.0
-25°	3.3	4.9	5.6	6.8	8.9	13.1	24.2	49.1	93.1	156.8	225.0
-27.5°	3.3	4.9	5.6	6.9	9.0	13.1	23.8	48.2	91.0	156.9	227.2
-30°	3.3	4.8	5.6	7.0	9.1	13.1	22.9	46.0	88.9	154.1	226.8
-32.5°	3.3	4.8	5.6	7.1	9.2	12.9	21.2	44.5	86.3	148.7	223.5
-35°	3.3	4.8	5.6	7.1	9.2	12.5	20.4	42.5	81.9	140.8	217.3
-37.5°	3.3	4.8	5.6	7.1	9.2	12.1	19.9	39.6	75.6	130.2	203.5
-40°	3.3	4.7	5.6	7.1	9.2	12.1	19.2	35.6	67.6	120.3	186.3
-42.5°	3.3	4.7	5.5	7.1	9.1	12.0	18.2	30.6	60.7	107.6	166.5
-45°	3.3	4.7	5.5	7.0	9.0	11.9	16.9	26.6	53.8	92.9	145.1
-47.5°	3.3	4.7	5.4	6.9	8.9	11.6	15.5	24.9	45.5	76.5	126.3
-50°	3.3	4.6	5.4	6.8	8.8	11.3	14.9	22.8	35.6	65.1	105.3
-52.5°	3.3	4.6	5.3	6.7	8.6	10.9	14.4	20.3	30.4	52.7	83.3
-55°	3.3	4.6	5.2	6.5	8.4	10.6	13.8	17.8	27.0	39.3	67.9
-57.5°	3.3	4.5	5.1	6.4	8.2	10.3	13.1	16.9	23.4	32.9	51.4
-60°	3.3	4.5	5.0	6.2	7.9	9.9	12.3	15.9	20.1	28.5	38.0
-62.5°	3.3	4.5	5.0	6.0	7.6	9.5	11.8	14.8	18.8	23.8	32.5
-65°	3.3	4.5	5.0	5.8	7.3	9.1	11.2	13.7	17.4	21.4	26.8
-67.5°	3.3	4.4	5.0	5.6	7.0	8.6	10.5	12.9	15.8	19.5	23.5
-70°	3.3	4.4	5.0	5.4	6.6	8.1	9.8	12.1	14.7	17.6	21.2
-72.5°	3.3	4.4	5.0	5.3	6.3	7.6	9.1	11.1	13.5	16.1	18.9
-75°	3.3	4.3	5.0	5.3	5.9	7.0	8.3	10.2	12.3	14.6	17.1
-77.5°	3.3	4.3	5.0	5.3	5.7	6.4	7.6	9.2	11.1	13.1	15.2
-80°	3.3	4.3	5.0	5.2	5.6	6.1	6.8	8.2	9.7	11.4	13.3
-82.5°	3.3	4.3	5.0	5.2	5.4	5.8	6.3	7.2	8.4	9.8	11.3
-85°	3.3	4.2	5.0	5.1	5.3	5.5	5.9	6.5	7.3	8.2	9.2
-87.5°	3.3	4.2	5.0	5.1	5.1	5.3	5.4	5.8	6.1	6.6	7.1
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3



REPORT NUMBER: P1306165 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-80-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.4	5.9	6.3	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
87.5°	2.9	2.5	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	2.9	2.5	2.2	1.9	2.0	1.9	1.8	1.7	1.7	1.7	1.7
82.5°	3.1	2.9	2.8	2.9	2.7	2.5	2.2	1.9	2.0	1.9	1.9
80°	3.2	3.3	3.3	3.3	3.1	3.0	3.0	3.0	2.9	2.7	2.4
77.5°	3.3	3.3	3.3	3.3	3.3	3.4	3.7	4.1	4.1	4.0	3.8
75°	3.3	3.3	3.4	3.4	3.5	3.9	4.4	4.9	4.8	4.7	4.7
72.5°	3.6	3.8	3.8	3.5	3.8	4.4	4.8	5.0	6.0	7.3	8.3
70°	4.3	4.3	4.2	4.3	4.7	5.4	7.1	9.5	11.9	13.5	15.8
67.5°	4.9	4.7	4.8	5.2	6.3	8.3	10.9	16.8	23.4	26.0	27.2
65°	5.0	4.9	5.4	6.5	8.1	13.1	19.6	27.2	35.2	37.0	36.8
62.5°	5.0	5.2	6.1	8.6	13.3	19.5	27.9	36.5	44.9	43.5	38.4
60°	5.2	5.4	8.4	13.4	19.0	27.2	36.4	41.0	43.7	43.4	37.4
57.5°	5.4	7.3	12.4	18.7	26.7	33.8	36.8	39.5	41.1	42.4	35.1
55°	6.7	10.7	17.1	25.5	31.9	33.3	35.1	36.0	37.4	34.7	26.8
52.5°	9.9	14.6	23.0	30.3	33.1	32.8	31.1	31.3	29.0	25.3	21.4
50°	12.7	20.0	28.0	32.6	33.9	31.4	27.0	25.6	23.2	20.2	17.5
47.5°	17.0	25.3	31.1	34.9	34.0	30.5	25.3	22.2	19.7	18.9	16.2
45°	21.7	29.1	34.5	36.1	34.4	29.8	25.6	20.0	21.1	21.0	20.7
42.5°	26.2	32.2	36.8	38.1	34.3	31.3	27.6	26.3	26.1	29.4	31.7
40°	29.1	35.2	39.5	39.8	35.7	34.9	37.4	39.0	37.5	43.2	48.0
37.5°	31.7	38.2	43.5	45.5	40.3	44.5	50.7	68.3	70.0	59.9	76.7
35°	34.2	41.8	51.7	59.5	59.2	59.6	86.6	113.3	125.7	110.1	124.7
32.5°	37.2	45.9	63.0	83.3	100.1	102.8	132.0	186.4	211.9	212.9	210.9
30°	41.6	56.7	80.7	114.1	156.5	197.7	220.0	279.7	320.7	390.9	444.1
27.5°	47.7	70.5	110.4	166.1	233.1	314.8	364.5	399.0	500.1	631.4	772.8
25°	54.6	98.4	144.8	232.9	346.7	450.5	513.8	555.3	731.9	992.2	1174.3
22.5°	69.8	134.4	194.9	308.8	474.9	591.6	658.5	792.3	1066.1	1415.6	1631.2
20°	96.0	178.3	253.9	377.9	606.1	736.0	799.4	1065.0	1487.6	1845.9	2142.9
17.5°	126.3	222.6	312.4	459.0	679.9	847.2	954.9	1357.0	1936.6	2258.4	2598.6
15°	159.6	266.9	364.4	531.0	750.9	913.0	1146.0	1708.9	2347.3	2654.6	3005.5
12.5°	194.8	310.6	410.6	594.2	820.9	973.9	1317.0	1959.8	2559.3	2975.4	3430.6
10°	230.8	353.3	451.2	648.7	888.5	1029.8	1477.7	2169.0	2671.4	3062.7	3594.0
7.5°	253.0	382.7	484.5	694.8	952.0	1081.0	1624.3	2337.9	2750.9	3114.4	3616.2
5°	269.2	396.8	500.9	726.2	996.3	1121.6	1744.0	2468.2	2802.7	3135.1	3576.7
2.5°	281.1	407.8	514.8	749.7	1023.6	1149.5	1800.3	2518.3	2836.9	3160.3	3582.5
0°	288.8	415.7	525.8	766.2	1041.7	1173.5	1829.6	2535.7	2857.9	3181.7	3642.5
-2.5°	299.0	427.1	543.3	783.0	1046.2	1178.8	1833.9	2528.9	2870.0	3232.9	3707.3
-5°	305.8	435.3	557.4	792.4	1042.9	1179.6	1810.9	2492.8	2852.5	3220.4	3682.3
-7.5°	309.8	440.3	567.4	793.2	1025.0	1161.8	1732.3	2379.2	2754.6	3099.8	3553.8
-10°	313.1	447.4	576.9	779.7	990.5	1130.6	1621.4	2244.4	2646.0	2963.8	3390.2
-12.5°	323.6	457.1	583.9	763.4	955.1	1095.6	1485.9	2092.4	2528.7	2814.5	3213.7
-15°	330.9	464.9	588.1	745.6	920.9	1056.8	1326.6	1926.8	2439.3	2760.4	3102.7
-17.5°	335.2	471.2	589.6	727.7	889.6	1014.6	1151.4	1773.1	2368.2	2731.1	3047.1
-20°	336.5	476.3	588.6	710.6	862.0	989.5	1112.5	1586.6	2194.2	2684.3	2998.0



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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°	334.9	480.5	587.1	702.8	844.3	978.2	1097.7	1380.4	1964.5	2616.9	2935.1
-25°	333.9	474.8	586.8	691.8	824.2	964.5	1082.3	1187.6	1706.2	2357.7	2850.7
-27.5°	331.8	465.9	575.0	674.4	799.2	945.4	1064.1	1168.0	1468.2	2063.2	2718.0
-30°	324.3	442.2	558.8	652.7	773.8	913.0	1043.6	1153.7	1266.0	1762.6	2373.5
-32.5°	307.6	416.3	532.1	631.5	742.3	875.5	1014.5	1128.5	1242.4	1424.7	2004.0
-35°	289.8	391.8	500.9	605.2	704.2	832.3	965.2	1094.7	1208.0	1327.3	1610.0
-37.5°	276.1	365.0	468.4	572.4	670.7	783.2	910.4	1041.4	1163.5	1286.7	1425.8
-40°	259.5	335.9	436.0	535.6	633.7	735.3	852.7	976.5	1104.5	1246.2	1376.8
-42.5°	239.8	314.2	401.8	497.7	592.8	690.4	791.7	909.0	1042.8	1192.6	1330.8
-45°	215.0	289.5	366.8	456.7	548.6	641.5	737.8	839.4	973.6	1116.7	1263.5
-47.5°	187.2	260.7	335.4	412.3	500.5	590.1	680.0	782.6	896.0	1029.2	1171.9
-50°	158.5	226.5	299.5	370.5	448.3	534.3	621.1	720.0	826.8	937.8	1062.7
-52.5°	132.2	189.1	257.3	327.6	397.6	473.8	558.6	650.8	749.7	855.2	958.1
-55°	103.5	154.5	211.1	278.2	347.2	415.2	488.0	572.5	663.5	759.9	856.1
-57.5°	80.4	118.6	167.3	223.4	288.7	356.4	421.1	488.6	568.2	654.6	738.8
-60°	60.3	87.6	124.5	171.9	224.5	287.0	351.5	413.9	477.1	540.9	615.4
-62.5°	41.9	63.1	88.6	121.4	166.5	215.3	271.8	331.3	391.6	446.5	500.9
-65°	35.2	42.3	59.9	83.8	109.1	150.4	195.7	243.2	296.1	343.5	392.4
-67.5°	28.1	34.6	41.0	50.5	72.3	96.2	121.9	161.9	203.3	237.4	272.4
-70°	24.5	27.4	32.6	38.2	43.7	53.5	74.3	96.6	118.9	141.1	169.8
-72.5°	21.6	24.0	26.6	29.4	33.9	38.6	43.3	48.0	60.5	77.5	93.1
-75°	18.9	20.6	22.7	24.9	27.2	29.3	31.6	35.5	39.4	43.3	47.2
-77.5°	16.6	17.8	19.1	20.6	22.2	24.1	25.9	27.6	29.2	30.8	32.4
-80°	14.2	15.0	15.9	16.9	18.0	19.2	20.5	21.8	22.9	23.9	25.0
-82.5°	11.9	12.5	13.0	13.6	14.1	14.6	15.2	16.0	16.8	17.5	18.2
-85°	9.6	10.0	10.4	10.7	11.1	11.4	11.8	12.1	12.4	12.7	12.9
-87.5°	7.5	7.9	8.3	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3
-90°	2.9	2.5	2.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.7	7.1	7.5	7.9	8.3	8.3	8.3	8.3	8.3	8.3	8.3
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	2.2	2.2	2.1	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	3.5	3.3	3.1	2.9	2.6	2.5	2.3	2.1	1.7	1.7	1.7
75°	4.8	4.9	5.0	4.7	4.3	3.9	3.6	3.4	3.1	3.1	3.2
72.5°	8.8	8.8	8.5	8.4	7.9	7.7	7.7	7.6	7.3	7.4	7.8
70°	17.1	17.5	17.2	16.1	14.3	13.0	12.3	11.3	10.0	9.9	10.4
67.5°	26.9	25.6	24.1	22.1	19.2	16.6	15.3	14.1	13.0	12.7	13.0
65°	34.2	29.0	25.5	22.6	20.2	17.9	16.2	14.6	13.1	12.1	12.0
62.5°	33.1	27.1	23.2	20.5	18.3	16.4	14.4	12.5	10.6	9.4	9.4
60°	31.0	24.5	19.4	16.9	14.9	13.5	11.7	10.2	9.0	8.3	8.4
57.5°	26.4	19.3	14.7	13.6	12.3	10.7	9.5	8.9	8.5	8.3	8.3
55°	20.4	16.3	13.6	12.1	10.7	9.3	8.4	8.6	8.5	8.3	8.7
52.5°	16.8	14.4	12.6	11.1	10.5	10.0	9.9	9.9	10.1	10.3	10.6
50°	15.0	13.4	12.5	11.6	11.5	11.6	11.5	12.1	12.5	12.7	12.6
47.5°	15.2	14.5	15.3	13.3	13.7	14.9	14.9	15.1	16.2	16.5	16.4
45°	19.1	23.1	23.2	21.3	20.2	24.6	24.9	22.6	34.7	33.9	25.7
42.5°	34.1	36.3	36.5	38.5	42.8	56.2	81.0	103.5	106.9	94.0	64.4
40°	55.0	53.1	57.4	68.9	102.0	132.3	155.3	223.8	223.2	174.7	175.9
37.5°	89.6	87.6	94.0	128.8	139.5	120.6	169.9	174.6	149.6	178.2	180.7
35°	154.3	174.9	152.4	189.2	191.1	170.8	183.3	204.6	174.4	208.8	223.6
32.5°	281.2	317.6	321.0	318.1	337.1	355.6	344.8	396.5	405.7	440.0	477.8
30°	456.8	526.8	580.4	570.1	601.5	656.7	674.7	753.7	832.4	881.2	1000.7
27.5°	796.0	831.3	941.1	1018.4	1000.5	1090.6	1269.5	1324.9	1550.6	1658.7	1814.3
25°	1260.4	1323.2	1479.6	1663.0	1741.6	1892.6	2183.3	2322.4	2618.8	2770.1	3340.7
22.5°	1835.9	2048.5	2244.8	2491.2	2844.9	3145.2	3468.3	4011.3	4893.6	6161.3	7674.7
20°	2492.9	2849.3	3146.0	3601.3	4187.5	4752.4	5588.1	7997.9	10557.3	15895.7	19522.7
17.5°	3114.4	3680.2	4094.8	4699.5	5565.3	6979.3	9858.4	15244.9	23710.3	34051.6	43923.2
15°	3599.4	4177.7	4946.3	5858.9	7181.4	9948.5	15207.5	25854.3	41994.3	57752.3	74332.3
12.5°	4009.3	4620.9	5463.3	6699.5	8677.6	13651.4	23106.9	39145.0	60421.6	83880.3	108666.6
10°	4273.1	5015.8	6024.7	7657.3	10944.4	18010.8	30303.4	51794.7	80394.1	111021.7	138571.0
7.5°	4319.5	5225.8	6503.7	8489.6	13193.6	22558.4	38863.0	64144.8	95467.0	129962.5	164658.8
5°	4338.0	5421.3	6908.6	9143.4	14738.8	25847.9	43793.8	72057.2	106836.2	142263.5	179604.9
2.5°	4387.5	5613.3	7205.7	9600.9	15630.2	27809.5	46643.3	77724.8	114416.5	152886.4	194519.9
0°	4490.5	5814.3	7269.9	9678.8	15816.9	27851.1	48287.0	80972.5	119360.5	158227.5	201653.4
-2.5°	4546.3	5788.5	7215.7	9519.8	15576.1	27855.4	46707.4	78713.0	116782.4	154704.1	198465.0
-5°	4450.5	5530.0	6881.9	9039.9	14522.4	25627.8	43569.3	72878.8	108016.7	142112.5	177302.1
-7.5°	4244.6	5166.3	6407.4	8358.6	12888.5	22175.0	37897.4	61964.3	91801.9	121443.4	148859.1
-10°	4004.9	4780.8	5798.7	7369.4	10579.4	17533.6	29652.7	48589.2	74218.2	99664.1	122800.5
-12.5°	3746.2	4350.5	5104.1	6190.5	8188.8	13239.0	22472.9	36986.8	54708.4	73904.3	94919.3
-15°	3525.2	3970.6	4541.9	5467.1	6991.4	9862.8	15085.1	24743.4	37451.1	52499.8	67991.0
-17.5°	3376.6	3707.8	4205.3	4911.0	5848.0	7553.5	11333.1	17059.4	25235.9	36498.9	46730.0
-20°	3270.0	3581.4	3976.1	4531.9	5316.6	6519.1	8368.5	12315.2	17695.7	24995.8	31940.5



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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°	3193.9	3474.1	3807.7	4254.9	4955.7	5895.4	7075.9	8991.4	12379.8	16684.7	21512.7
-25°	3118.9	3351.4	3719.4	4200.2	4681.9	5354.3	6170.2	7110.7	8915.8	10829.8	13793.3
-27.5°	3033.3	3320.9	3732.1	4181.2	4615.2	4949.0	5528.2	6176.8	7132.6	8057.9	9580.4
-30°	2971.0	3338.7	3747.8	4179.5	4513.8	4808.8	5132.7	5628.5	6246.9	6900.9	7600.8
-32.5°	2660.5	3284.0	3703.8	4090.9	4367.5	4641.6	4928.5	5272.4	5667.8	6082.1	6507.2
-35°	2244.4	2908.5	3559.7	3863.2	4143.5	4419.9	4719.2	4997.7	5276.7	5556.9	5823.9
-37.5°	1734.3	2385.1	3000.4	3530.5	3852.4	4133.9	4452.9	4738.8	4983.5	5194.0	5399.5
-40°	1515.1	1742.4	2337.6	2895.5	3363.9	3809.9	4110.6	4427.4	4700.2	4894.4	5068.9
-42.5°	1454.8	1582.8	1714.7	2142.6	2659.8	3118.2	3526.1	3922.3	4297.3	4567.3	4774.9
-45°	1402.5	1510.8	1623.8	1750.0	1876.0	2278.0	2702.0	3128.8	3570.3	3965.4	4285.3
-47.5°	1305.5	1436.7	1548.0	1652.4	1752.7	1867.0	1985.2	2155.2	2542.6	2938.0	3298.4
-50°	1185.9	1308.8	1432.9	1556.3	1649.2	1737.0	1826.8	1928.2	2041.1	2156.3	2253.4
-52.5°	1055.5	1168.5	1283.1	1392.0	1496.0	1597.1	1695.7	1785.1	1869.2	1950.4	1998.1
-55°	949.6	1040.1	1130.3	1223.7	1318.5	1411.0	1502.6	1595.1	1684.2	1769.2	1816.7
-57.5°	826.1	916.3	1002.7	1073.8	1147.4	1222.5	1301.0	1380.6	1458.7	1531.4	1572.3
-60°	692.0	770.2	845.1	914.1	982.2	1048.8	1113.2	1176.3	1237.0	1289.8	1321.9
-62.5°	557.0	620.8	682.8	741.6	798.8	854.9	915.0	972.1	1025.8	1069.2	1095.9
-65°	442.0	490.6	533.7	576.0	617.7	665.8	717.0	765.4	810.9	846.3	869.7
-67.5°	313.0	354.8	394.4	432.0	466.7	500.9	537.4	572.9	607.2	633.7	652.5
-70°	197.2	223.6	249.7	277.5	307.9	338.0	368.0	395.7	420.9	439.9	454.3
-72.5°	107.5	120.2	133.5	153.2	172.1	192.3	212.9	232.4	250.6	263.4	272.9
-75°	51.0	56.7	66.9	76.1	84.2	93.1	102.0	110.3	117.8	121.7	123.9
-77.5°	35.0	37.8	40.3	42.6	44.7	47.3	50.1	53.0	55.9	57.7	59.1
-80°	26.1	27.2	28.4	29.5	30.6	31.9	33.0	34.1	35.1	36.0	36.8
-82.5°	18.8	19.4	20.0	20.5	21.0	21.8	22.7	23.4	24.1	24.8	25.4
-85°	13.2	13.6	13.9	14.2	14.4	14.8	15.3	15.8	16.3	16.5	16.5
-87.5°	9.4	9.9	10.4	10.9	11.4	11.4	11.5	11.5	11.6	11.6	11.6
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.3	0.9



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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°	8.3	8.3	9.2	10.0	9.2	8.3	8.3	8.3	8.3	8.3	8.3
87.5°	0.4	0.0	0.8	1.7	0.8	0.0	0.4	0.9	1.3	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
80°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
77.5°	1.7	1.7	2.5	3.3	2.5	1.7	1.7	1.7	1.7	1.7	2.1
75°	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.1	3.4
72.5°	8.0	8.2	8.3	8.3	8.3	8.2	8.0	7.8	7.4	7.3	7.6
70°	11.0	11.5	11.7	11.7	11.7	11.5	11.0	10.4	9.9	10.0	11.3
67.5°	13.2	13.3	13.4	13.4	13.4	13.3	13.2	13.0	12.7	13.0	14.1
65°	11.9	11.8	11.0	10.0	11.0	11.8	11.9	12.0	12.1	13.1	14.6
62.5°	9.6	10.0	10.0	10.0	10.0	10.0	9.6	9.4	9.4	10.6	12.5
60°	8.4	8.4	8.3	8.3	8.3	8.4	8.4	8.4	8.3	9.0	10.2
57.5°	8.3	8.3	9.0	10.0	9.0	8.3	8.3	8.3	8.3	8.5	8.9
55°	9.2	9.7	10.0	10.0	10.0	9.7	9.2	8.7	8.3	8.5	8.6
52.5°	10.5	10.2	10.0	10.0	10.0	10.2	10.5	10.6	10.3	10.1	9.9
50°	12.2	11.8	11.7	11.7	11.7	11.8	12.2	12.6	12.7	12.5	12.1
47.5°	16.0	15.3	14.9	15.0	14.9	15.3	16.0	16.4	16.5	16.2	15.1
45°	26.3	26.4	26.4	26.7	26.4	26.4	26.3	25.7	33.9	34.7	22.6
42.5°	61.9	53.5	46.2	46.7	46.2	53.5	61.9	64.4	94.0	106.9	103.5
40°	158.6	118.7	78.9	66.8	78.9	118.7	158.6	175.9	174.7	223.2	223.8
37.5°	163.3	166.6	196.0	263.8	196.0	166.6	163.3	180.7	178.2	149.6	174.6
35°	228.2	231.8	223.6	218.7	223.6	231.8	228.2	223.6	208.8	174.4	204.6
32.5°	485.3	506.8	504.1	490.8	504.1	506.8	485.3	477.8	440.0	405.7	396.5
30°	1045.3	1100.0	1094.1	1105.1	1094.1	1100.0	1045.3	1000.7	881.2	832.4	753.7
27.5°	1876.0	1943.5	1955.8	1941.4	1955.8	1943.5	1876.0	1814.3	1658.7	1550.6	1324.9
25°	3723.9	3830.7	3791.7	3741.0	3791.7	3830.7	3723.9	3340.7	2770.1	2618.8	2322.4
22.5°	9444.0	9866.8	9823.4	9466.8	9823.4	9866.8	9444.0	7674.7	6161.3	4893.6	4011.3
20°	25946.5	28738.4	29953.5	28306.8	29953.5	28738.4	25946.5	19522.7	15895.7	10557.3	7997.9
17.5°	54919.4	63425.9	69474.4	71998.2	69474.4	63425.9	54919.4	43923.2	34051.6	23710.3	15244.9
15°	89834.0	102639.1	110086.2	109085.7	110086.2	102639.1	89834.0	74332.3	57752.3	41994.3	25854.3
12.5°	129176.9	144354.0	156931.8	157198.4	156931.8	144354.0	129176.9	108666.6	83880.3	60421.6	39145.0
10°	167231.5	188295.9	205463.1	208789.8	205463.1	188295.9	167231.5	138571.0	111021.7	80394.1	51794.7
7.5°	195781.0	228072.4	249622.2	257518.5	249622.2	228072.4	195781.0	164658.8	129962.5	95467.0	64144.8
5°	223994.8	257831.1	279788.9	283684.3	279788.9	257831.1	223994.8	179604.9	142263.5	106836.2	72057.2
2.5°	243024.5	277156.3	296371.3	309699.2	296371.3	277156.3	243024.5	194519.9	152886.4	114416.5	77724.8
0°	254171.4	281981.6	313776.5	328549.2	313776.5	281981.6	254171.4	201653.4	158227.5	119360.5	80972.5
-2.5°	245743.5	277029.2	295232.4	312019.5	295232.4	277029.2	245743.5	198465.0	154704.1	116782.4	78713.0
-5°	217830.8	251855.9	267937.5	270035.9	267937.5	251855.9	217830.8	177302.1	142112.5	108016.7	72878.8
-7.5°	177993.4	209673.4	225113.5	233636.9	225113.5	209673.4	177993.4	148859.1	121443.4	91801.9	61964.3
-10°	144087.4	162575.3	172969.3	173653.8	172969.3	162575.3	144087.4	122800.5	99664.1	74218.2	48589.2
-12.5°	111243.1	123644.1	129791.5	129566.8	129791.5	123644.1	111243.1	94919.3	73904.3	54708.4	36986.8
-15°	81632.1	91266.4	96811.5	99470.4	96811.5	91266.4	81632.1	67991.0	52499.8	37451.1	24743.4
-17.5°	57618.6	65272.3	70828.6	73073.3	70828.6	65272.3	57618.6	46730.0	36498.9	25235.9	17059.4
-20°	39280.5	44525.8	48130.7	49660.9	48130.7	44525.8	39280.5	31940.5	24995.8	17695.7	12315.2



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	25873.6	29390.1	31861.6	31729.0	31861.6	29390.1	25873.6	21512.7	16684.7	12379.8	8991.4
-25°	16494.0	18427.5	19697.1	19799.9	19697.1	18427.5	16494.0	13793.3	10829.8	8915.8	7110.7
-27.5°	10916.8	11766.8	12279.1	12368.1	12279.1	11766.8	10916.8	9580.4	8057.9	7132.6	6176.8
-30°	8262.6	8653.7	8946.6	8934.3	8946.6	8653.7	8262.6	7600.8	6900.9	6246.9	5628.5
-32.5°	6869.0	7061.4	7189.7	7293.3	7189.7	7061.4	6869.0	6507.2	6082.1	5667.8	5272.4
-35°	6007.0	6105.0	6176.5	6241.6	6176.5	6105.0	6007.0	5823.9	5556.9	5276.7	4997.7
-37.5°	5517.7	5585.4	5630.4	5645.7	5630.4	5585.4	5517.7	5399.5	5194.0	4983.5	4738.8
-40°	5135.5	5173.8	5196.5	5210.0	5196.5	5173.8	5135.5	5068.9	4894.4	4700.2	4427.4
-42.5°	4848.8	4901.2	4928.3	4927.9	4928.3	4901.2	4848.8	4774.9	4567.3	4297.3	3922.3
-45°	4468.8	4601.4	4681.8	4715.9	4681.8	4601.4	4468.8	4285.3	3965.4	3570.3	3128.8
-47.5°	3593.8	3845.5	4022.1	4114.9	4022.1	3845.5	3593.8	3298.4	2938.0	2542.6	2155.2
-50°	2340.8	2425.0	2460.4	2445.6	2460.4	2425.0	2340.8	2253.4	2156.3	2041.1	1928.2
-52.5°	2033.5	2063.6	2081.9	2090.0	2081.9	2063.6	2033.5	1998.1	1950.4	1869.2	1785.1
-55°	1856.8	1890.3	1912.0	1923.1	1912.0	1890.3	1856.8	1816.7	1769.2	1684.2	1595.1
-57.5°	1606.4	1633.5	1650.0	1657.6	1650.0	1633.5	1606.4	1572.3	1531.4	1458.7	1380.6
-60°	1349.2	1371.4	1386.1	1393.9	1386.1	1371.4	1349.2	1321.9	1289.8	1237.0	1176.3
-62.5°	1117.5	1133.9	1148.3	1158.5	1148.3	1133.9	1117.5	1095.9	1069.2	1025.8	972.1
-65°	888.7	903.3	913.8	919.8	913.8	903.3	888.7	869.7	846.3	810.9	765.4
-67.5°	668.0	679.9	689.7	696.1	689.7	679.9	668.0	652.5	633.7	607.2	572.9
-70°	465.8	474.6	483.1	489.1	483.1	474.6	465.8	454.3	439.9	420.9	395.7
-72.5°	280.5	286.0	288.6	288.8	288.6	286.0	280.5	272.9	263.4	250.6	232.4
-75°	125.2	125.5	128.1	130.2	128.1	125.5	125.2	123.9	121.7	117.8	110.3
-77.5°	60.3	61.3	62.5	63.4	62.5	61.3	60.3	59.1	57.7	55.9	53.0
-80°	37.6	38.2	38.4	38.4	38.4	38.2	37.6	36.8	36.0	35.1	34.1
-82.5°	26.0	26.6	26.7	26.7	26.7	26.6	26.0	25.4	24.8	24.1	23.4
-85°	16.6	16.7	16.7	16.7	16.7	16.7	16.6	16.5	16.5	16.3	15.8
-87.5°	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.6	11.6	11.6	11.5
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	1.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.3	8.3	8.3	7.9	7.5	7.1	6.7	6.7	6.7	6.7	6.7
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	1.9	2.0	1.9
80°	1.7	1.7	1.7	1.9	2.1	2.2	2.2	2.4	2.7	2.9	3.0
77.5°	2.3	2.5	2.6	2.9	3.1	3.3	3.5	3.8	4.0	4.1	4.1
75°	3.6	3.9	4.3	4.7	5.0	4.9	4.8	4.7	4.7	4.8	4.9
72.5°	7.7	7.7	7.9	8.4	8.5	8.8	8.8	8.3	7.3	6.0	5.0
70°	12.3	13.0	14.3	16.1	17.2	17.5	17.1	15.8	13.5	11.9	9.5
67.5°	15.3	16.6	19.2	22.1	24.1	25.6	26.9	27.2	26.0	23.4	16.8
65°	16.2	17.9	20.2	22.6	25.5	29.0	34.2	36.8	37.0	35.2	27.2
62.5°	14.4	16.4	18.3	20.5	23.2	27.1	33.1	38.4	43.5	44.9	36.5
60°	11.7	13.5	14.9	16.9	19.4	24.5	31.0	37.4	43.4	43.7	41.0
57.5°	9.5	10.7	12.3	13.6	14.7	19.3	26.4	35.1	42.4	41.1	39.5
55°	8.4	9.3	10.7	12.1	13.6	16.3	20.4	26.8	34.7	37.4	36.0
52.5°	9.9	10.0	10.5	11.1	12.6	14.4	16.8	21.4	25.3	29.0	31.3
50°	11.5	11.6	11.5	11.6	12.5	13.4	15.0	17.5	20.2	23.2	25.6
47.5°	14.9	14.9	13.7	13.3	15.3	14.5	15.2	16.2	18.9	19.7	22.2
45°	24.9	24.6	20.2	21.3	23.2	23.1	19.1	20.7	21.0	21.1	20.0
42.5°	81.0	56.2	42.8	38.5	36.5	36.3	34.1	31.7	29.4	26.1	26.3
40°	155.3	132.3	102.0	68.9	57.4	53.1	55.0	48.0	43.2	37.5	39.0
37.5°	169.9	120.6	139.5	128.8	94.0	87.6	89.6	76.7	59.9	70.0	68.3
35°	183.3	170.8	191.1	189.2	152.4	174.9	154.3	124.7	110.1	125.7	113.3
32.5°	344.8	355.6	337.1	318.1	321.0	317.6	281.2	210.9	212.9	211.9	186.4
30°	674.7	656.7	601.5	570.1	580.4	526.8	456.8	444.1	390.9	320.7	279.7
27.5°	1269.5	1090.6	1000.5	1018.4	941.1	831.3	796.0	772.8	631.4	500.1	399.0
25°	2183.3	1892.6	1741.6	1663.0	1479.6	1323.2	1260.4	1174.3	992.2	731.9	555.3
22.5°	3468.3	3145.2	2844.9	2491.2	2244.8	2048.5	1835.9	1631.2	1415.6	1066.1	792.3
20°	5588.1	4752.4	4187.5	3601.3	3146.0	2849.3	2492.9	2142.9	1845.9	1487.6	1065.0
17.5°	9858.4	6979.3	5565.3	4699.5	4094.8	3680.2	3114.4	2598.6	2258.4	1936.6	1357.0
15°	15207.5	9948.5	7181.4	5858.9	4946.3	4177.7	3599.4	3005.5	2654.6	2347.3	1708.9
12.5°	23106.9	13651.4	8677.6	6699.5	5463.3	4620.9	4009.3	3430.6	2975.4	2559.3	1959.8
10°	30303.4	18010.8	10944.4	7657.3	6024.7	5015.8	4273.1	3594.0	3062.7	2671.4	2169.0
7.5°	38863.0	22558.4	13193.6	8489.6	6503.7	5225.8	4319.5	3616.2	3114.4	2750.9	2337.9
5°	43793.8	25847.9	14738.8	9143.4	6908.6	5421.3	4338.0	3576.7	3135.1	2802.7	2468.2
2.5°	46643.3	27809.5	15630.2	9600.9	7205.7	5613.3	4387.5	3582.5	3160.3	2836.9	2518.3
0°	48287.0	27851.1	15816.9	9678.8	7269.9	5814.3	4490.5	3642.5	3181.7	2857.9	2535.7
-2.5°	46707.4	27855.4	15576.1	9519.8	7215.7	5788.5	4546.3	3707.3	3232.9	2870.0	2528.9
-5°	43569.3	25627.8	14522.4	9039.9	6881.9	5530.0	4450.5	3682.3	3220.4	2852.5	2492.8
-7.5°	37897.4	22175.0	12888.5	8358.6	6407.4	5166.3	4244.6	3553.8	3099.8	2754.6	2379.2
-10°	29652.7	17533.6	10579.4	7369.4	5798.7	4780.8	4004.9	3390.2	2963.8	2646.0	2244.4
-12.5°	22472.9	13239.0	8188.8	6190.5	5104.1	4350.5	3746.2	3213.7	2814.5	2528.7	2092.4
-15°	15085.1	9862.8	6991.4	5467.1	4541.9	3970.6	3525.2	3102.7	2760.4	2439.3	1926.8
-17.5°	11333.1	7553.5	5848.0	4911.0	4205.3	3707.8	3376.6	3047.1	2731.1	2368.2	1773.1
-20°	8368.5	6519.1	5316.6	4531.9	3976.1	3581.4	3270.0	2998.0	2684.3	2194.2	1586.6



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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°	7075.9	5895.4	4955.7	4254.9	3807.7	3474.1	3193.9	2935.1	2616.9	1964.5	1380.4
-25°	6170.2	5354.3	4681.9	4200.2	3719.4	3351.4	3118.9	2850.7	2357.7	1706.2	1187.6
-27.5°	5528.2	4949.0	4615.2	4181.2	3732.1	3320.9	3033.3	2718.0	2063.2	1468.2	1168.0
-30°	5132.7	4808.8	4513.8	4179.5	3747.8	3338.7	2971.0	2373.5	1762.6	1266.0	1153.7
-32.5°	4928.5	4641.6	4367.5	4090.9	3703.8	3284.0	2660.5	2004.0	1424.7	1242.4	1128.5
-35°	4719.2	4419.9	4143.5	3863.2	3559.7	2908.5	2244.4	1610.0	1327.3	1208.0	1094.7
-37.5°	4452.9	4133.9	3852.4	3530.5	3000.4	2385.1	1734.3	1425.8	1286.7	1163.5	1041.4
-40°	4110.6	3809.9	3363.9	2895.5	2337.6	1742.4	1515.1	1376.8	1246.2	1104.5	976.5
-42.5°	3526.1	3118.2	2659.8	2142.6	1714.7	1582.8	1454.8	1330.8	1192.6	1042.8	909.0
-45°	2702.0	2278.0	1876.0	1750.0	1623.8	1510.8	1402.5	1263.5	1116.7	973.6	839.4
-47.5°	1985.2	1867.0	1752.7	1652.4	1548.0	1436.7	1305.5	1171.9	1029.2	896.0	782.6
-50°	1826.8	1737.0	1649.2	1556.3	1432.9	1308.8	1185.9	1062.7	937.8	826.8	720.0
-52.5°	1695.7	1597.1	1496.0	1392.0	1283.1	1168.5	1055.5	958.1	855.2	749.7	650.8
-55°	1502.6	1411.0	1318.5	1223.7	1130.3	1040.1	949.6	856.1	759.9	663.5	572.5
-57.5°	1301.0	1222.5	1147.4	1073.8	1002.7	916.3	826.1	738.8	654.6	568.2	488.6
-60°	1113.2	1048.8	982.2	914.1	845.1	770.2	692.0	615.4	540.9	477.1	413.9
-62.5°	915.0	854.9	798.8	741.6	682.8	620.8	557.0	500.9	446.5	391.6	331.3
-65°	717.0	665.8	617.7	576.0	533.7	490.6	442.0	392.4	343.5	296.1	243.2
-67.5°	537.4	500.9	466.7	432.0	394.4	354.8	313.0	272.4	237.4	203.3	161.9
-70°	368.0	338.0	307.9	277.5	249.7	223.6	197.2	169.8	141.1	118.9	96.6
-72.5°	212.9	192.3	172.1	153.2	133.5	120.2	107.5	93.1	77.5	60.5	48.0
-75°	102.0	93.1	84.2	76.1	66.9	56.7	51.0	47.2	43.3	39.4	35.5
-77.5°	50.1	47.3	44.7	42.6	40.3	37.8	35.0	32.4	30.8	29.2	27.6
-80°	33.0	31.9	30.6	29.5	28.4	27.2	26.1	25.0	23.9	22.9	21.8
-82.5°	22.7	21.8	21.0	20.5	20.0	19.4	18.8	18.2	17.5	16.8	16.0
-85°	15.3	14.8	14.4	14.2	13.9	13.6	13.2	12.9	12.7	12.4	12.1
-87.5°	11.5	11.4	11.4	10.9	10.4	9.9	9.4	9.3	9.2	9.1	9.0
-90°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7



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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°	6.7	6.7	6.7	6.7	6.3	5.9	5.4	5.0	5.0	5.0	5.0
87.5°	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.3	3.3	3.3
85°	1.8	1.9	2.0	1.9	2.2	2.5	2.9	3.3	3.3	3.3	3.3
82.5°	2.2	2.5	2.7	2.9	2.8	2.9	3.1	3.3	3.4	3.3	3.3
80°	3.0	3.0	3.1	3.3	3.3	3.3	3.2	3.3	3.6	3.6	3.6
77.5°	3.7	3.4	3.3	3.3	3.3	3.3	3.3	3.4	3.8	3.9	4.0
75°	4.4	3.9	3.5	3.4	3.4	3.3	3.3	3.4	3.8	4.3	4.4
72.5°	4.8	4.4	3.8	3.5	3.8	3.8	3.6	3.5	3.9	4.3	4.7
70°	7.1	5.4	4.7	4.3	4.2	4.3	4.3	4.0	3.9	4.3	4.7
67.5°	10.9	8.3	6.3	5.2	4.8	4.7	4.9	4.6	4.4	4.4	4.8
65°	19.6	13.1	8.1	6.5	5.4	4.9	5.0	5.0	4.7	4.6	4.8
62.5°	27.9	19.5	13.3	8.6	6.1	5.2	5.0	5.2	5.1	4.8	4.9
60°	36.4	27.2	19.0	13.4	8.4	5.4	5.2	5.5	5.4	5.0	5.0
57.5°	36.8	33.8	26.7	18.7	12.4	7.3	5.4	5.7	5.7	5.3	5.0
55°	35.1	33.3	31.9	25.5	17.1	10.7	6.7	6.1	6.1	5.8	5.1
52.5°	31.1	32.8	33.1	30.3	23.0	14.6	9.9	6.5	6.6	6.2	5.5
50°	27.0	31.4	33.9	32.6	28.0	20.0	12.7	8.8	7.1	6.7	6.0
47.5°	25.3	30.5	34.0	34.9	31.1	25.3	17.0	11.1	7.6	7.2	6.5
45°	25.6	29.8	34.4	36.1	34.5	29.1	21.7	13.1	9.4	7.8	6.9
42.5°	27.6	31.3	34.3	38.1	36.8	32.2	26.2	16.9	11.0	8.2	7.4
40°	37.4	34.9	35.7	39.8	39.5	35.2	29.1	20.8	12.5	9.0	7.8
37.5°	50.7	44.5	40.3	45.5	43.5	38.2	31.7	24.5	14.4	10.1	8.2
35°	86.6	59.6	59.2	59.5	51.7	41.8	34.2	27.6	17.7	11.2	8.6
32.5°	132.0	102.8	100.1	83.3	63.0	45.9	37.2	30.3	21.1	12.1	9.0
30°	220.0	197.7	156.5	114.1	80.7	56.7	41.6	33.1	24.5	12.9	9.5
27.5°	364.5	314.8	233.1	166.1	110.4	70.5	47.7	36.0	27.8	14.4	10.2
25°	513.8	450.5	346.7	232.9	144.8	98.4	54.6	39.1	30.5	17.1	10.8
22.5°	658.5	591.6	474.9	308.8	194.9	134.4	69.8	44.6	32.9	19.6	11.4
20°	799.4	736.0	606.1	377.9	253.9	178.3	96.0	50.5	35.3	22.0	11.8
17.5°	954.9	847.2	679.9	459.0	312.4	222.6	126.3	56.6	37.6	24.3	12.2
15°	1146.0	913.0	750.9	531.0	364.4	266.9	159.6	62.9	39.8	26.4	12.8
12.5°	1317.0	973.9	820.9	594.2	410.6	310.6	194.8	69.3	42.0	28.8	13.5
10°	1477.7	1029.8	888.5	648.7	451.2	353.3	230.8	76.4	45.4	31.5	14.2
7.5°	1624.3	1081.0	952.0	694.8	484.5	382.7	253.0	85.1	48.9	34.1	14.9
5°	1744.0	1121.6	996.3	726.2	500.9	396.8	269.2	93.5	52.3	36.4	15.5
2.5°	1800.3	1149.5	1023.6	749.7	514.8	407.8	281.1	101.4	55.5	38.4	16.1
0°	1829.6	1173.5	1041.7	766.2	525.8	415.7	288.8	108.5	58.4	40.1	16.7
-2.5°	1833.9	1178.8	1046.2	783.0	543.3	427.1	299.0	127.8	73.4	49.3	21.9
-5°	1810.9	1179.6	1042.9	792.4	557.4	435.3	305.8	145.9	87.8	57.9	26.9
-7.5°	1732.3	1161.8	1025.0	793.2	567.4	440.3	309.8	162.5	101.3	65.8	31.6
-10°	1621.4	1130.6	990.5	779.7	576.9	447.4	313.1	177.4	113.7	72.9	35.8
-12.5°	1485.9	1095.6	955.1	763.4	583.9	457.1	323.6	192.5	124.7	78.8	39.5
-15°	1326.6	1056.8	920.9	745.6	588.1	464.9	330.9	205.9	134.6	84.1	42.4
-17.5°	1151.4	1014.6	889.6	727.7	589.6	471.2	335.2	216.1	143.0	88.8	45.2
-20°	1112.5	989.5	862.0	710.6	588.6	476.3	336.5	222.9	149.5	91.9	47.5



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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°	1097.7	978.2	844.3	702.8	587.1	480.5	334.9	226.0	154.2	93.4	48.9
-25°	1082.3	964.5	824.2	691.8	586.8	474.8	333.9	225.0	156.8	93.1	49.1
-27.5°	1064.1	945.4	799.2	674.4	575.0	465.9	331.8	227.2	156.9	91.0	48.2
-30°	1043.6	913.0	773.8	652.7	558.8	442.2	324.3	226.8	154.1	88.9	46.0
-32.5°	1014.5	875.5	742.3	631.5	532.1	416.3	307.6	223.5	148.7	86.3	44.5
-35°	965.2	832.3	704.2	605.2	500.9	391.8	289.8	217.3	140.8	81.9	42.5
-37.5°	910.4	783.2	670.7	572.4	468.4	365.0	276.1	203.5	130.2	75.6	39.6
-40°	852.7	735.3	633.7	535.6	436.0	335.9	259.5	186.3	120.3	67.6	35.6
-42.5°	791.7	690.4	592.8	497.7	401.8	314.2	239.8	166.5	107.6	60.7	30.6
-45°	737.8	641.5	548.6	456.7	366.8	289.5	215.0	145.1	92.9	53.8	26.6
-47.5°	680.0	590.1	500.5	412.3	335.4	260.7	187.2	126.3	76.5	45.5	24.9
-50°	621.1	534.3	448.3	370.5	299.5	226.5	158.5	105.3	65.1	35.6	22.8
-52.5°	558.6	473.8	397.6	327.6	257.3	189.1	132.2	83.3	52.7	30.4	20.3
-55°	488.0	415.2	347.2	278.2	211.1	154.5	103.5	67.9	39.3	27.0	17.8
-57.5°	421.1	356.4	288.7	223.4	167.3	118.6	80.4	51.4	32.9	23.4	16.9
-60°	351.5	287.0	224.5	171.9	124.5	87.6	60.3	38.0	28.5	20.1	15.9
-62.5°	271.8	215.3	166.5	121.4	88.6	63.1	41.9	32.5	23.8	18.8	14.8
-65°	195.7	150.4	109.1	83.8	59.9	42.3	35.2	26.8	21.4	17.4	13.7
-67.5°	121.9	96.2	72.3	50.5	41.0	34.6	28.1	23.5	19.5	15.8	12.9
-70°	74.3	53.5	43.7	38.2	32.6	27.4	24.5	21.2	17.6	14.7	12.1
-72.5°	43.3	38.6	33.9	29.4	26.6	24.0	21.6	18.9	16.1	13.5	11.1
-75°	31.6	29.3	27.2	24.9	22.7	20.6	18.9	17.1	14.6	12.3	10.2
-77.5°	25.9	24.1	22.2	20.6	19.1	17.8	16.6	15.2	13.1	11.1	9.2
-80°	20.5	19.2	18.0	16.9	15.9	15.0	14.2	13.3	11.4	9.7	8.2
-82.5°	15.2	14.6	14.1	13.6	13.0	12.5	11.9	11.3	9.8	8.4	7.2
-85°	11.8	11.4	11.1	10.7	10.4	10.0	9.6	9.2	8.2	7.3	6.5
-87.5°	8.9	8.8	8.7	8.6	8.3	7.9	7.5	7.1	6.6	6.1	5.8
-90°	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.3	3.3	3.3	3.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.0	5.0	5.0	5.0	5.0	4.1	3.3
87.5°	3.3	3.4	3.4	3.5	3.4	3.4	3.3
85°	3.3	3.5	3.6	3.6	3.6	3.4	3.3
82.5°	3.3	3.6	3.7	3.8	3.7	3.5	3.3
80°	3.4	3.7	3.9	4.0	3.9	3.6	3.3
77.5°	3.8	3.9	4.1	4.1	4.0	3.7	3.3
75°	4.3	4.1	4.2	4.3	4.2	3.7	3.3
72.5°	4.7	4.4	4.4	4.5	4.3	3.8	3.3
70°	5.0	4.7	4.5	4.7	4.5	3.9	3.3
67.5°	5.0	4.9	4.7	4.7	4.6	4.0	3.3
65°	5.0	5.0	4.8	4.8	4.7	4.0	3.3
62.5°	5.0	5.0	4.9	4.8	4.9	4.1	3.3
60°	5.0	5.0	5.0	4.9	5.0	4.1	3.3
57.5°	5.1	5.0	5.0	4.9	5.0	4.2	3.3
55°	5.2	5.0	5.0	4.9	5.0	4.3	3.3
52.5°	5.3	5.0	5.0	5.0	5.0	4.3	3.3
50°	5.5	5.2	5.0	5.0	5.0	4.4	3.3
47.5°	5.7	5.4	5.0	5.0	5.0	4.4	3.3
45°	6.1	5.5	5.0	5.0	5.0	4.5	3.3
42.5°	6.5	5.7	5.0	5.0	5.0	4.6	3.3
40°	6.8	6.0	5.1	5.0	5.0	4.6	3.3
37.5°	7.2	6.2	5.3	5.0	5.0	4.6	3.3
35°	7.5	6.5	5.4	5.0	5.0	4.7	3.3
32.5°	7.9	6.7	5.6	5.0	5.0	4.7	3.3
30°	8.2	7.0	5.8	5.0	5.0	4.8	3.3
27.5°	8.5	7.2	5.9	5.0	5.0	4.8	3.3
25°	8.8	7.5	6.1	5.0	5.0	4.8	3.3
22.5°	9.1	7.7	6.2	5.0	5.0	4.9	3.3
20°	9.3	7.8	6.3	5.0	5.0	4.9	3.3
17.5°	9.6	7.9	6.4	5.0	5.0	4.9	3.3
15°	9.9	8.0	6.5	5.0	5.0	4.9	3.3
12.5°	10.2	8.1	6.5	5.0	5.0	5.0	3.3
10°	10.6	8.2	6.6	5.0	5.0	5.0	3.3
7.5°	10.9	8.2	6.6	5.0	5.0	5.0	3.3
5°	11.2	8.3	6.7	5.0	5.0	5.0	3.3
2.5°	11.5	8.3	6.7	5.0	5.0	5.0	3.3
0°	11.7	8.3	6.7	5.0	5.0	5.0	3.3
-2.5°	13.7	9.0	7.0	5.2	5.1	5.0	3.3
-5°	15.6	9.7	7.3	5.4	5.1	5.0	3.3
-7.5°	17.4	10.4	7.5	5.6	5.2	5.0	3.3
-10°	19.0	11.0	7.8	5.8	5.3	5.0	3.3
-12.5°	20.4	11.6	8.0	6.0	5.4	5.0	3.3
-15°	21.5	12.0	8.2	6.2	5.4	4.9	3.3
-17.5°	22.4	12.4	8.4	6.4	5.5	4.9	3.3
-20°	23.2	12.7	8.6	6.6	5.5	4.9	3.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.0	12.9	8.7	6.7	5.6	4.9	3.3
-25°	24.2	13.1	8.9	6.8	5.6	4.9	3.3
-27.5°	23.8	13.1	9.0	6.9	5.6	4.9	3.3
-30°	22.9	13.1	9.1	7.0	5.6	4.8	3.3
-32.5°	21.2	12.9	9.2	7.1	5.6	4.8	3.3
-35°	20.4	12.5	9.2	7.1	5.6	4.8	3.3
-37.5°	19.9	12.1	9.2	7.1	5.6	4.8	3.3
-40°	19.2	12.1	9.2	7.1	5.6	4.7	3.3
-42.5°	18.2	12.0	9.1	7.1	5.5	4.7	3.3
-45°	16.9	11.9	9.0	7.0	5.5	4.7	3.3
-47.5°	15.5	11.6	8.9	6.9	5.4	4.7	3.3
-50°	14.9	11.3	8.8	6.8	5.4	4.6	3.3
-52.5°	14.4	10.9	8.6	6.7	5.3	4.6	3.3
-55°	13.8	10.6	8.4	6.5	5.2	4.6	3.3
-57.5°	13.1	10.3	8.2	6.4	5.1	4.5	3.3
-60°	12.3	9.9	7.9	6.2	5.0	4.5	3.3
-62.5°	11.8	9.5	7.6	6.0	5.0	4.5	3.3
-65°	11.2	9.1	7.3	5.8	5.0	4.5	3.3
-67.5°	10.5	8.6	7.0	5.6	5.0	4.4	3.3
-70°	9.8	8.1	6.6	5.4	5.0	4.4	3.3
-72.5°	9.1	7.6	6.3	5.3	5.0	4.4	3.3
-75°	8.3	7.0	5.9	5.3	5.0	4.3	3.3
-77.5°	7.6	6.4	5.7	5.3	5.0	4.3	3.3
-80°	6.8	6.1	5.6	5.2	5.0	4.3	3.3
-82.5°	6.3	5.8	5.4	5.2	5.0	4.3	3.3
-85°	5.9	5.5	5.3	5.1	5.0	4.2	3.3
-87.5°	5.4	5.3	5.1	5.1	5.0	4.2	3.3
-90°	3.3	3.3	3.3	3.3	3.3	3.3	3.3

(END OF REPORT)