

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: P1306141 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-3S-CV1-A**

Issue Date: 2/3/2026

Test Information

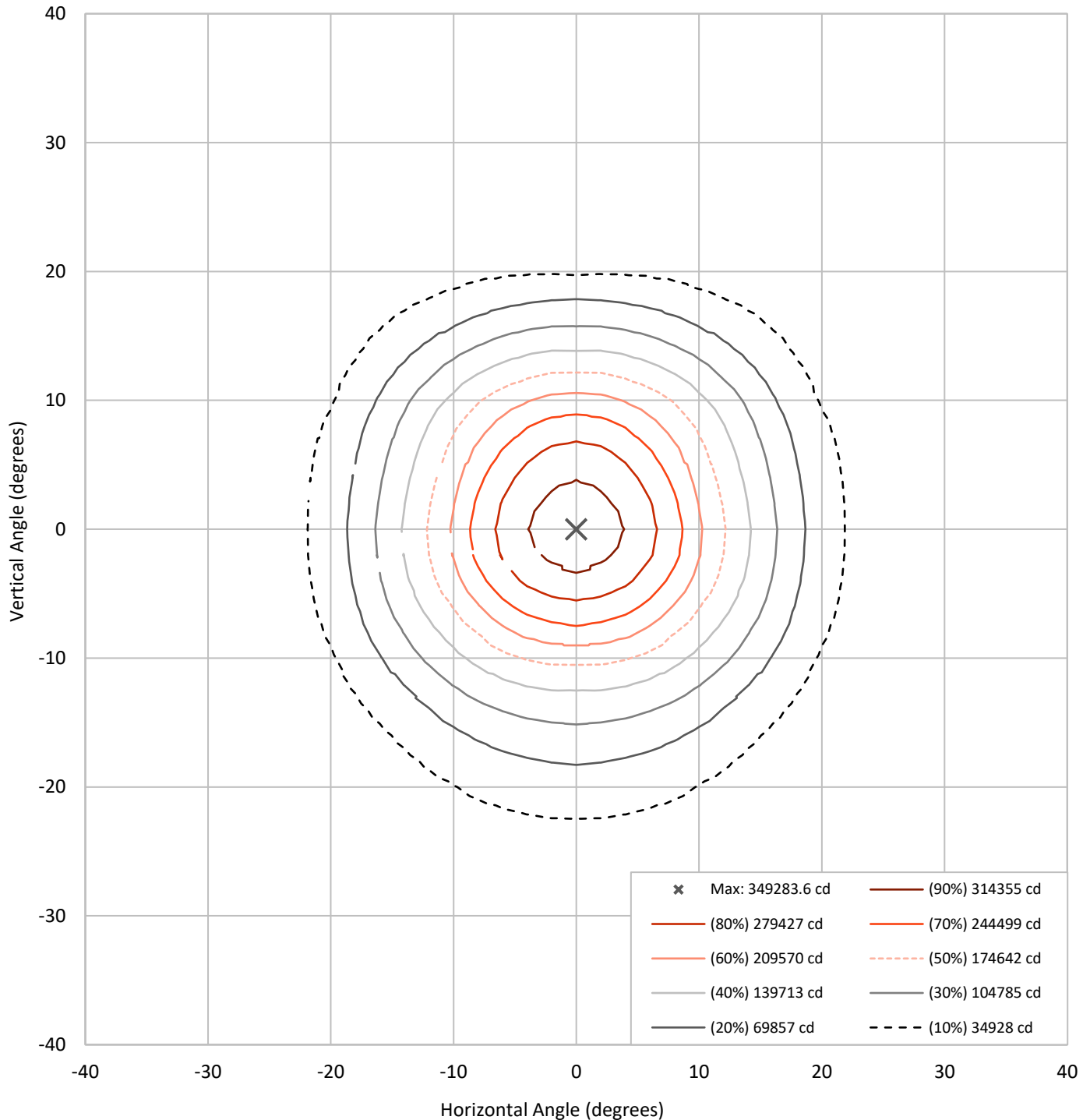
Test Method: LM-79-08
Report Number: P1306141 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-20)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-3S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 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:	72391.8 lumens	Max Intensity:	349283.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	130.7 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:	34136.2 lumens	Field Lumens:	61668.4 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





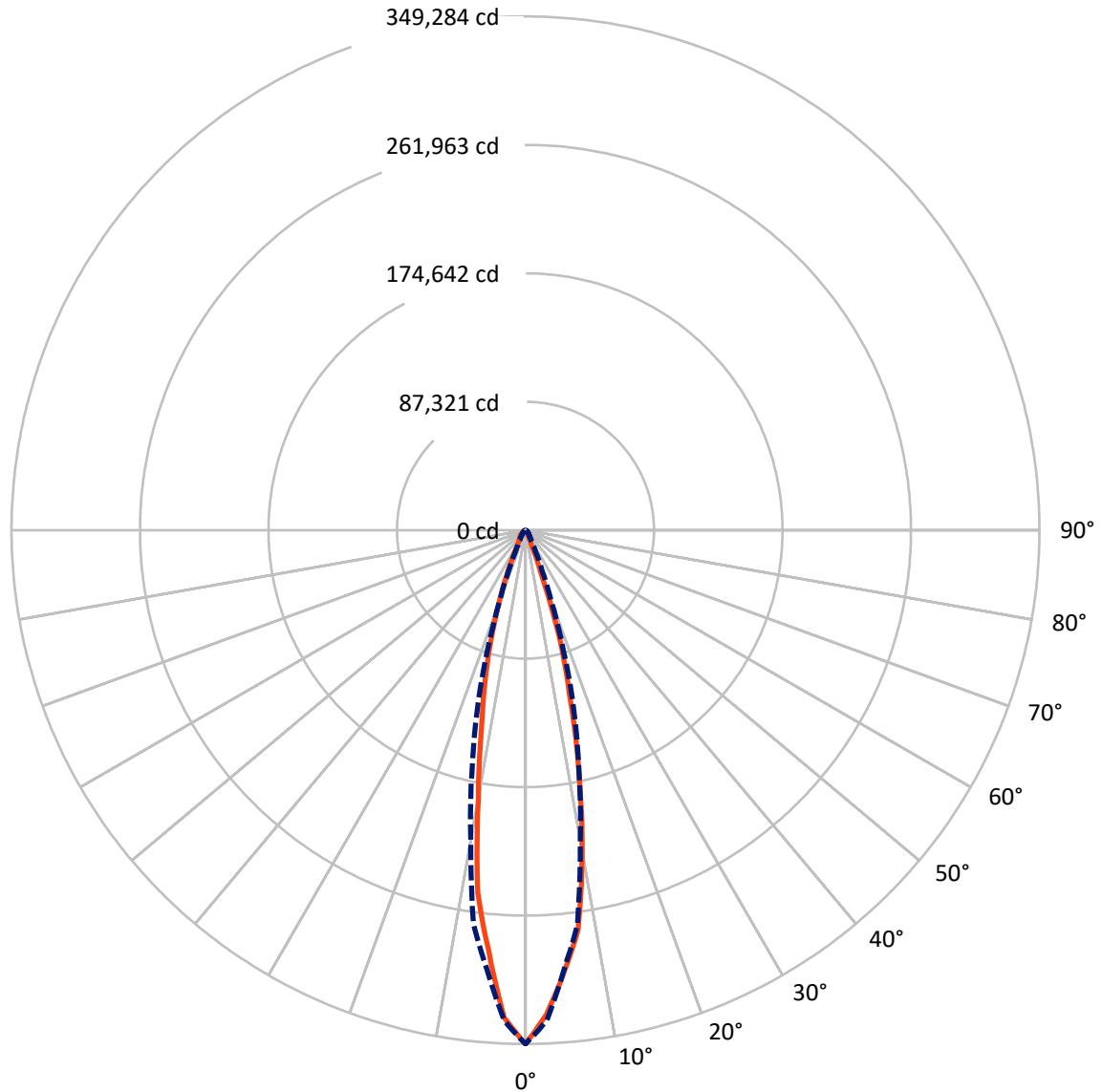
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Lumen Table

90	0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.4	0.2	0.1									
80	0.1	0.2	0.4	0.5	0.5	0.5	0.5	0.4	0.2	0.1									
70	0.1	0.1	0.2	0.6	0.8	0.5	0.4	0.4	0.4	0.4	0.5	0.8	0.6	0.2	0.1	0.1			
60		0.1	0.4	0.8	0.6	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.8	0.4	0.1				
50	0.1	0.2	0.6	0.6	0.7	1.1	1.9	1.3	1.3	1.9	1.1	0.7	0.6	0.6	0.2	0.1			
40		0.4	1.2	2.8	5.1	7.4	10.1	12.1	12.1	10.1	7.4	5.1	2.8	1.2	0.4				
30	0.2	0.7	4.9	15.4	35.7	59.4	122.1	235.0	235.0	122.1	59.4	35.7	15.4	4.9	0.7	0.2			
20		1.5	10.5	39.3	95.2	252.0	1387.4	3274.0	3274.0	1387.4	252.0	95.2	39.3	10.5	1.5				
10	0.4	2.3	14.0	52.3	122.5	537.4	3326.0	7800.1	7800.1	3326.0	537.4	122.5	52.3	14.0	2.3	0.4			
0		2.8	15.0	53.2	122.7	532.1	3267.9	7474.9	7474.9	3267.9	532.1	122.7	53.2	15.0	2.8				
-10	0.6	3.4	14.2	44.2	96.5	254.0	1324.9	2990.3	2990.3	1324.9	254.0	96.5	44.2	14.2	3.4	0.6			
-20		3.5	13.2	33.1	82.2	144.0	329.7	674.0	674.0	329.7	144.0	82.2	33.1	13.2	3.5				
-30	0.5	3.1	11.4	25.0	60.7	119.0	167.2	205.4	205.4	167.2	119.0	60.7	25.0	11.4	3.1	0.5			
-40		2.2	8.6	19.7	36.8	65.4	107.1	137.1	137.1	107.1	65.4	36.8	19.7	8.6	2.2				
-50	0.3	1.1	5.3	13.3	25.1	38.7	51.8	60.0	60.0	51.8	38.7	25.1	13.3	5.3	1.1	0.3			
-60		0.4	1.8	5.8	11.7	18.6	25.4	29.2	29.2	25.4	18.6	11.7	5.8	1.8	0.4				
-70	0.2	1.0	3.7	9.5	12.9	9.5	3.7	1.0	0.2							0.2			
-80		0.2	1.0	3.7	9.5	12.9	9.5	3.7	1.0	0.2									
-90	0.2	1.0	3.7	9.5	12.9	9.5	3.7	1.0	0.2							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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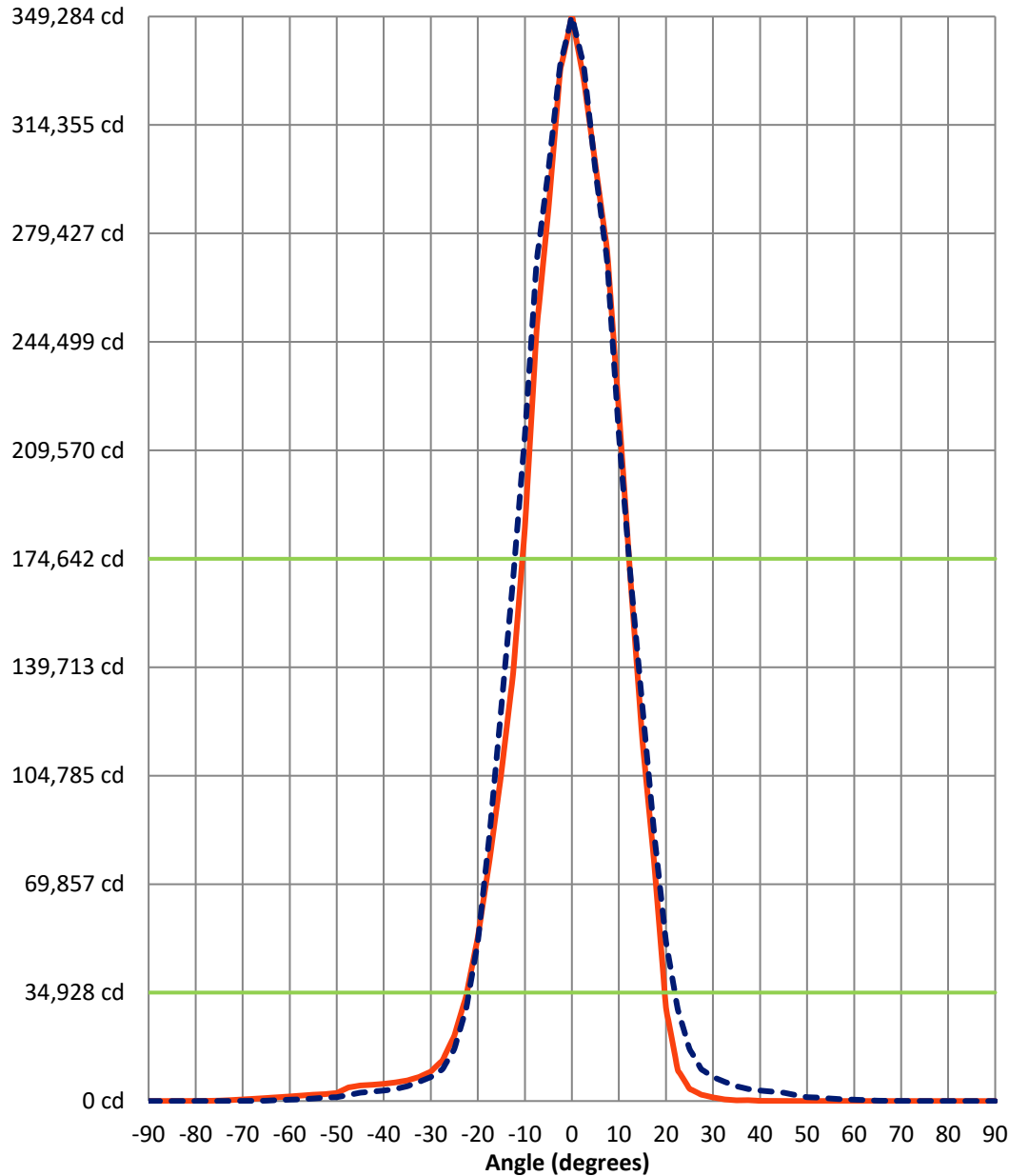
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 24.3°
 V Angle: 22.7°
 Lumens: 34136.2
 Efficiency: 47.2%

Field:
 H Angle: 43.8°
 V Angle: 42.1°
 Lumens: 61668.4
 Efficiency: 85.2%

Spill:
 Lumens: 10723.4
 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°	3.5	4.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	3.5	3.6	3.7	3.7	3.7	3.6	3.5	3.5	3.5	3.5	3.5
85°	3.5	3.7	3.8	3.9	3.8	3.7	3.5	3.5	3.5	3.5	3.5
82.5°	3.5	3.7	4.0	4.0	4.0	3.8	3.5	3.5	3.5	3.6	3.5
80°	3.5	3.8	4.1	4.2	4.1	3.9	3.6	3.8	3.8	3.8	3.5
77.5°	3.5	3.9	4.3	4.4	4.3	4.1	4.1	4.2	4.2	4.0	3.6
75°	3.5	4.0	4.4	4.6	4.5	4.4	4.5	4.6	4.5	4.1	3.6
72.5°	3.5	4.0	4.6	4.8	4.6	4.7	4.9	5.0	4.6	4.1	3.7
70°	3.5	4.1	4.7	4.9	4.8	4.9	5.3	5.0	4.6	4.2	4.2
67.5°	3.5	4.2	4.9	5.0	4.9	5.2	5.3	5.1	4.7	4.6	4.9
65°	3.5	4.3	5.0	5.1	5.1	5.3	5.3	5.1	4.9	5.0	5.3
62.5°	3.5	4.3	5.2	5.1	5.2	5.3	5.3	5.2	5.1	5.4	5.5
60°	3.5	4.4	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.7	5.8
57.5°	3.5	4.5	5.3	5.2	5.3	5.3	5.4	5.3	5.6	6.1	6.1
55°	3.5	4.5	5.3	5.2	5.3	5.3	5.5	5.4	6.1	6.5	6.5
52.5°	3.5	4.6	5.3	5.3	5.3	5.3	5.6	5.9	6.6	7.0	7.0
50°	3.5	4.7	5.3	5.3	5.3	5.5	5.8	6.4	7.1	7.6	9.4
47.5°	3.5	4.7	5.3	5.3	5.3	5.7	6.0	6.9	7.7	8.2	11.7
45°	3.5	4.8	5.3	5.3	5.3	5.9	6.5	7.4	8.3	10.0	13.9
42.5°	3.5	4.8	5.3	5.3	5.3	6.1	6.9	7.9	8.8	11.7	17.9
40°	3.5	4.9	5.3	5.3	5.4	6.3	7.3	8.3	9.6	13.2	22.1
37.5°	3.5	4.9	5.3	5.3	5.6	6.6	7.7	8.8	10.8	15.2	26.1
35°	3.5	5.0	5.3	5.3	5.8	6.8	8.0	9.2	11.9	18.8	29.3
32.5°	3.5	5.0	5.3	5.3	5.9	7.2	8.4	9.6	12.8	22.4	32.2
30°	3.5	5.1	5.3	5.3	6.1	7.4	8.7	10.1	13.7	26.0	35.2
27.5°	3.5	5.1	5.3	5.3	6.3	7.7	9.1	10.8	15.3	29.6	38.3
25°	3.5	5.1	5.3	5.3	6.4	8.0	9.4	11.5	18.1	32.4	41.6
22.5°	3.5	5.2	5.3	5.3	6.5	8.2	9.7	12.1	20.8	35.0	47.4
20°	3.5	5.2	5.3	5.3	6.7	8.3	9.9	12.6	23.4	37.5	53.6
17.5°	3.5	5.2	5.3	5.3	6.8	8.5	10.2	13.0	25.8	39.9	60.2
15°	3.5	5.2	5.3	5.3	6.9	8.6	10.5	13.5	28.0	42.3	66.9
12.5°	3.5	5.3	5.3	5.3	6.9	8.7	10.9	14.3	30.6	44.6	73.6
10°	3.5	5.3	5.3	5.3	7.0	8.8	11.2	15.0	33.5	48.2	81.2
7.5°	3.5	5.3	5.3	5.3	7.0	8.8	11.5	15.8	36.2	52.0	90.5
5°	3.5	5.3	5.3	5.3	7.1	8.9	11.8	16.5	38.6	55.6	99.5
2.5°	3.5	5.3	5.3	5.3	7.1	8.9	12.1	17.1	40.8	59.0	107.9
0°	3.5	5.3	5.3	5.3	7.1	8.9	12.1	17.1	40.8	59.0	107.9
-2.5°	3.5	5.3	5.3	5.3	7.1	8.9	12.1	17.1	40.8	59.0	107.9
-5°	3.5	5.3	5.3	5.3	7.1	8.9	12.1	17.1	40.8	59.0	107.9
-7.5°	3.5	5.3	5.3	5.3	7.1	8.9	12.1	17.1	40.8	59.0	107.9
-10°	3.5	5.3	5.3	5.3	7.1	8.9	12.1	17.1	40.8	59.0	107.9
-12.5°	3.5	5.3	5.3	5.3	7.1	8.9	12.1	17.1	40.8	59.0	107.9
-15°	3.5	5.3	5.3	5.3	7.1	8.9	12.1	17.1	40.8	59.0	107.9
-17.5°	3.5	5.3	5.3	5.3	7.1	8.9	12.1	17.1	40.8	59.0	107.9
-20°	3.5	5.3	5.3	5.3	7.1	8.9	12.1	17.1	40.8	59.0	107.9



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 CATALOG NUMBER: EPH-08-530N-40-70-3S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.5	5.2	5.9	7.1	9.3	13.7	25.5	51.9	99.2	163.9	240.2
-25°	3.5	5.2	5.9	7.3	9.4	13.9	25.8	52.2	98.9	166.7	239.2
-27.5°	3.5	5.1	5.9	7.4	9.6	14.0	25.4	51.2	96.7	166.8	241.5
-30°	3.5	5.1	6.0	7.5	9.7	13.9	24.3	48.9	94.5	163.8	241.1
-32.5°	3.5	5.1	6.0	7.5	9.8	13.6	22.6	47.3	91.7	158.1	237.6
-35°	3.5	5.1	6.0	7.6	9.8	13.2	21.7	45.2	87.0	149.7	231.0
-37.5°	3.5	5.0	5.9	7.6	9.8	12.9	21.2	42.1	80.4	138.4	216.3
-40°	3.5	5.0	5.9	7.6	9.8	12.9	20.4	37.9	71.8	127.9	198.0
-42.5°	3.5	5.0	5.9	7.5	9.7	12.8	19.3	32.6	64.5	114.4	177.0
-45°	3.5	5.0	5.8	7.4	9.6	12.6	18.0	28.3	57.2	98.7	154.2
-47.5°	3.5	4.9	5.8	7.3	9.5	12.3	16.4	26.4	48.4	81.3	134.2
-50°	3.5	4.9	5.7	7.2	9.3	12.0	15.8	24.2	37.9	69.2	112.0
-52.5°	3.5	4.9	5.6	7.1	9.1	11.6	15.3	21.6	32.3	56.0	88.6
-55°	3.5	4.8	5.5	6.9	8.9	11.3	14.6	18.9	28.7	41.8	72.2
-57.5°	3.5	4.8	5.4	6.8	8.7	10.9	13.9	17.9	24.9	35.0	54.7
-60°	3.5	4.8	5.3	6.6	8.4	10.5	13.1	16.8	21.4	30.3	40.4
-62.5°	3.5	4.8	5.3	6.4	8.1	10.1	12.5	15.7	19.9	25.2	34.6
-65°	3.5	4.7	5.3	6.2	7.7	9.6	11.8	14.6	18.4	22.7	28.5
-67.5°	3.5	4.7	5.3	6.0	7.4	9.1	11.1	13.7	16.8	20.8	25.0
-70°	3.5	4.7	5.3	5.7	7.0	8.6	10.4	12.8	15.6	18.7	22.6
-72.5°	3.5	4.6	5.3	5.6	6.6	8.0	9.6	11.8	14.4	17.2	20.2
-75°	3.5	4.6	5.3	5.6	6.2	7.4	8.8	10.8	13.1	15.6	18.2
-77.5°	3.5	4.6	5.3	5.6	6.0	6.8	8.0	9.8	11.7	13.9	16.2
-80°	3.5	4.5	5.3	5.5	5.9	6.4	7.2	8.7	10.3	12.2	14.1
-82.5°	3.5	4.5	5.3	5.5	5.8	6.2	6.7	7.7	8.9	10.4	12.0
-85°	3.5	4.5	5.3	5.4	5.6	5.9	6.2	6.9	7.7	8.7	9.8
-87.5°	3.5	4.4	5.3	5.4	5.5	5.6	5.8	6.1	6.5	7.0	7.5
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	5.8	6.2	6.7	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	3.1	2.7	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	3.1	2.7	2.3	2.1	2.1	2.0	2.0	1.8	1.8	1.8	1.8
82.5°	3.3	3.1	3.0	3.0	2.9	2.6	2.3	2.0	2.1	2.1	2.0
80°	3.4	3.5	3.5	3.5	3.3	3.2	3.1	3.2	3.1	2.8	2.6
77.5°	3.5	3.5	3.5	3.5	3.5	3.7	3.9	4.4	4.4	4.2	4.0
75°	3.5	3.5	3.6	3.6	3.7	4.1	4.7	5.2	5.1	5.0	5.0
72.5°	3.8	4.0	4.0	3.7	4.1	4.7	5.1	5.3	6.3	7.8	8.8
70°	4.5	4.6	4.5	4.6	5.0	5.7	7.6	10.1	12.6	14.3	16.7
67.5°	5.2	5.0	5.0	5.5	6.8	8.8	11.6	17.9	24.9	27.6	28.9
65°	5.3	5.2	5.7	6.9	8.7	13.9	20.8	28.9	37.4	39.4	39.2
62.5°	5.3	5.6	6.5	9.2	14.2	20.7	29.7	38.8	47.8	46.3	40.8
60°	5.5	5.7	8.9	14.2	20.2	28.9	38.7	43.6	46.4	46.1	39.7
57.5°	5.7	7.8	13.2	19.9	28.3	35.9	39.1	41.9	43.6	45.1	37.4
55°	7.2	11.4	18.2	27.1	33.9	35.4	37.3	38.3	39.8	36.9	28.6
52.5°	10.5	15.5	24.4	32.2	35.2	34.9	33.1	33.3	30.8	26.9	22.7
50°	13.5	21.3	29.8	34.6	36.0	33.4	28.7	27.2	24.6	21.5	18.6
47.5°	18.0	26.9	33.0	37.1	36.2	32.4	26.9	23.5	20.9	20.0	17.3
45°	23.0	30.9	36.7	38.4	36.5	31.6	27.2	21.3	22.5	22.3	22.0
42.5°	27.9	34.2	39.1	40.5	36.5	33.3	29.3	27.9	27.8	31.3	33.7
40°	30.9	37.4	41.9	42.3	37.9	37.1	39.8	41.5	39.9	45.9	51.0
37.5°	33.7	40.6	46.3	48.4	42.8	47.2	53.9	72.7	74.4	63.7	81.6
35°	36.3	44.4	55.0	63.2	62.9	63.3	92.0	120.5	133.7	117.0	132.6
32.5°	39.6	48.8	67.0	88.6	106.4	109.3	140.4	198.1	225.2	226.4	224.2
30°	44.2	60.3	85.8	121.3	166.4	210.2	233.9	297.4	341.0	415.6	472.0
27.5°	50.7	75.0	117.4	176.6	247.8	334.7	387.5	424.3	531.7	671.2	821.5
25°	58.1	104.7	153.9	247.6	368.5	478.9	546.3	590.4	778.1	1054.8	1248.4
22.5°	74.2	142.8	207.2	328.3	504.9	628.9	700.1	842.4	1133.4	1504.8	1734.1
20°	102.1	189.6	269.9	401.8	644.4	782.5	849.8	1132.3	1581.5	1962.4	2278.1
17.5°	134.3	236.6	332.1	488.0	722.8	900.7	1015.2	1442.6	2058.8	2401.0	2762.5
15°	169.6	283.7	387.4	564.6	798.3	970.7	1218.3	1816.7	2495.4	2822.1	3195.2
12.5°	207.1	330.1	436.4	631.7	872.7	1035.3	1400.2	2083.5	2720.8	3163.2	3647.2
10°	245.3	375.5	479.7	689.6	944.5	1094.8	1570.9	2305.9	2839.9	3256.0	3820.8
7.5°	268.9	406.7	515.1	738.6	1012.1	1149.2	1726.9	2485.5	2924.5	3311.0	3844.5
5°	286.1	421.8	532.5	772.0	1059.2	1192.4	1854.1	2623.9	2979.5	3333.0	3802.4
2.5°	298.8	433.5	547.3	797.1	1088.2	1222.1	1913.9	2677.2	3015.9	3359.8	3808.7
0°	307.0	441.9	559.0	814.6	1107.4	1247.6	1945.0	2695.7	3038.3	3382.5	3872.4
-2.5°	317.9	454.0	577.6	832.4	1112.2	1253.3	1949.6	2688.5	3051.1	3436.9	3941.2
-5°	325.1	462.8	592.5	842.5	1108.7	1254.0	1925.1	2650.1	3032.6	3423.6	3914.7
-7.5°	329.3	468.1	603.3	843.3	1089.7	1235.1	1841.6	2529.4	2928.5	3295.4	3778.1
-10°	332.9	475.7	613.3	829.0	1053.0	1202.0	1723.8	2386.0	2812.9	3150.9	3604.2
-12.5°	344.0	486.0	620.8	811.6	1015.4	1164.7	1579.7	2224.5	2688.3	2992.1	3416.6
-15°	351.9	494.3	625.2	792.7	979.0	1123.5	1410.3	2048.3	2593.3	2934.6	3298.5
-17.5°	356.4	501.0	626.8	773.6	945.7	1078.6	1224.1	1885.0	2517.6	2903.4	3239.4
-20°	357.8	506.4	625.8	755.4	916.5	1051.9	1182.7	1686.7	2332.7	2853.7	3187.2



REPORT NUMBER: P1306141 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	356.1	510.8	624.2	747.1	897.6	1039.9	1166.9	1467.5	2088.5	2782.1	3120.4
-25°	355.0	504.7	623.9	735.5	876.2	1025.4	1150.5	1262.6	1813.9	2506.5	3030.6
-27.5°	352.8	495.3	611.3	717.0	849.6	1005.1	1131.3	1241.7	1560.9	2193.5	2889.5
-30°	344.8	470.1	594.1	693.9	822.7	970.6	1109.5	1226.5	1345.8	1873.8	2523.2
-32.5°	327.0	442.5	565.7	671.4	789.2	930.8	1078.5	1199.7	1320.8	1514.6	2130.5
-35°	308.1	416.5	532.6	643.4	748.7	884.9	1026.1	1163.8	1284.3	1411.0	1711.6
-37.5°	293.5	388.0	498.0	608.5	713.0	832.6	967.8	1107.1	1237.0	1367.9	1515.8
-40°	275.9	357.0	463.5	569.4	673.7	781.7	906.5	1038.2	1174.2	1324.9	1463.6
-42.5°	254.9	334.0	427.2	529.1	630.3	734.0	841.6	966.3	1108.6	1267.9	1414.7
-45°	228.5	307.7	390.0	485.6	583.3	682.1	784.4	892.3	1035.0	1187.2	1343.3
-47.5°	199.0	277.2	356.6	438.3	532.1	627.3	723.0	832.0	952.5	1094.1	1245.8
-50°	168.4	240.7	318.4	393.8	476.6	568.0	660.3	765.4	879.0	996.9	1129.7
-52.5°	140.5	201.0	273.5	348.3	422.7	503.8	593.8	691.8	797.1	909.2	1018.6
-55°	110.1	164.2	224.3	295.7	369.1	441.4	518.8	608.6	705.4	807.9	910.2
-57.5°	85.5	126.1	177.9	237.4	306.9	378.9	447.7	519.4	604.1	696.0	785.5
-60°	64.1	93.1	132.4	182.8	238.7	305.1	373.7	440.0	507.2	575.0	654.2
-62.5°	44.5	67.0	94.2	129.1	177.0	228.9	289.0	352.2	416.3	474.7	532.5
-65°	37.4	44.9	63.6	89.1	116.1	159.9	208.1	258.6	314.9	365.2	417.2
-67.5°	29.9	36.8	43.6	53.7	76.9	102.3	129.6	172.2	216.1	252.4	289.5
-70°	26.1	29.1	34.7	40.7	46.5	56.8	79.0	102.7	126.4	150.0	180.5
-72.5°	23.0	25.5	28.3	31.2	36.1	41.0	46.0	51.0	64.3	82.3	99.0
-75°	20.2	21.9	24.1	26.5	28.9	31.1	33.6	37.7	41.9	46.0	50.2
-77.5°	17.7	19.0	20.4	22.0	23.7	25.6	27.5	29.3	31.0	32.7	34.5
-80°	15.1	16.0	16.9	18.0	19.2	20.4	21.8	23.2	24.3	25.4	26.5
-82.5°	12.7	13.3	13.9	14.5	15.0	15.6	16.2	17.0	17.8	18.6	19.3
-85°	10.2	10.6	11.0	11.4	11.8	12.1	12.5	12.8	13.2	13.5	13.8
-87.5°	8.0	8.4	8.8	9.1	9.2	9.3	9.5	9.6	9.7	9.8	9.9
-90°	3.1	2.7	2.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	7.1	7.6	8.0	8.5	8.9	8.9	8.9	8.9	8.9	8.9	8.9
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	0.9
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	2.3	2.3	2.2	2.1	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	3.8	3.6	3.3	3.1	2.8	2.6	2.4	2.2	1.8	1.8	1.8
75°	5.1	5.2	5.3	5.0	4.5	4.1	3.9	3.6	3.2	3.3	3.3
72.5°	9.4	9.3	9.0	8.9	8.4	8.1	8.2	8.1	7.8	8.0	8.3
70°	18.2	18.6	18.3	17.1	15.2	13.8	13.0	12.0	10.7	10.5	11.1
67.5°	28.6	27.3	25.6	23.5	20.3	17.6	16.3	15.0	13.7	13.5	13.8
65°	36.4	30.9	27.1	24.0	21.5	18.9	17.2	15.5	13.8	12.9	12.7
62.5°	35.1	28.9	24.7	21.8	19.5	17.4	15.3	13.2	11.3	10.0	10.1
60°	33.0	26.1	20.6	17.9	15.8	14.3	12.4	10.8	9.6	8.9	9.0
57.5°	28.1	20.5	15.7	14.5	13.0	11.3	10.1	9.5	9.1	8.9	8.9
55°	21.6	17.4	14.5	12.9	11.4	9.9	9.0	9.2	9.1	8.9	9.3
52.5°	17.8	15.3	13.3	11.8	11.1	10.7	10.5	10.5	10.7	11.0	11.3
50°	16.0	14.2	13.3	12.2	12.2	12.2	12.2	12.8	13.3	13.5	13.3
47.5°	16.1	15.4	16.2	14.1	14.5	15.8	15.9	16.0	17.2	17.5	17.4
45°	20.3	24.5	24.6	22.7	21.5	26.2	26.5	24.0	36.8	36.0	27.3
42.5°	36.2	38.6	38.8	41.0	45.4	59.6	86.1	110.1	113.7	99.9	68.5
40°	58.5	56.5	61.0	73.2	108.4	140.7	165.0	237.9	237.3	185.7	187.1
37.5°	95.2	93.1	99.9	136.9	148.3	128.2	180.6	185.6	159.0	189.5	192.2
35°	164.0	185.9	162.0	201.1	203.1	181.6	194.9	217.5	185.5	222.0	237.7
32.5°	298.8	337.6	341.2	338.2	358.4	378.1	366.5	421.5	431.3	467.8	507.9
30°	485.6	560.0	617.0	606.1	639.5	698.1	717.3	801.2	884.9	936.8	1063.9
27.5°	846.2	883.8	1000.5	1082.6	1063.6	1159.5	1349.6	1408.5	1648.5	1763.3	1928.8
25°	1340.0	1406.7	1573.0	1768.0	1851.4	2012.1	2321.0	2469.0	2784.0	2944.9	3551.5
22.5°	1951.7	2177.8	2386.4	2648.4	3024.4	3343.7	3687.1	4264.5	5202.4	6550.2	8159.1
20°	2650.1	3029.1	3344.6	3828.5	4451.7	5052.3	5940.8	8502.7	11223.6	16898.9	20754.8
17.5°	3310.9	3912.5	4353.2	4996.0	5916.5	7419.7	10480.5	16206.9	25206.6	36200.6	46695.2
15°	3826.6	4441.4	5258.5	6228.6	7634.6	10576.4	16167.2	27485.9	44644.6	61397.0	79023.4
12.5°	4262.3	4912.6	5808.1	7122.4	9225.3	14512.9	24565.2	41615.4	64234.8	89173.9	115524.4
10°	4542.8	5332.3	6404.9	8140.6	11635.1	19147.4	32215.8	55063.4	85467.6	118028.1	147316.1
7.5°	4592.1	5555.5	6914.1	9025.4	14026.3	23982.0	41315.5	68193.0	101491.9	138164.3	175050.2
5°	4611.8	5763.4	7344.5	9720.5	15668.9	27479.2	46557.6	76604.6	113578.5	151241.6	190939.6
2.5°	4664.4	5967.5	7660.4	10206.8	16616.6	29564.6	49586.9	82630.0	121637.3	162534.8	206795.8
0°	4773.9	6181.2	7728.7	10289.6	16815.1	29608.8	51334.4	86082.6	126893.2	168213.0	214379.5
-2.5°	4833.2	6153.8	7671.1	10120.6	16559.1	29613.4	49655.0	83680.5	124152.4	164467.3	210989.9
-5°	4731.3	5879.0	7316.2	9610.4	15438.9	27245.2	46318.9	77478.1	114833.5	151081.0	188491.5
-7.5°	4512.5	5492.4	6811.8	8886.1	13701.8	23574.4	40289.0	65874.8	97595.5	129107.5	158253.4
-10°	4257.7	5082.6	6164.7	7834.5	11247.0	18640.2	31524.0	51655.6	78902.0	105953.8	130550.3
-12.5°	3982.7	4625.1	5426.3	6581.2	8705.6	14074.5	23891.2	39321.0	58160.9	78568.2	100909.6
-15°	3747.7	4221.2	4828.6	5812.1	7432.6	10485.3	16037.1	26305.0	39814.5	55812.9	72281.8
-17.5°	3589.7	3941.8	4470.7	5221.0	6217.1	8030.3	12048.4	18136.1	26828.6	38802.3	49679.0
-20°	3476.2	3807.4	4227.1	4817.9	5652.2	6930.5	8896.6	13092.4	18812.4	26573.3	33956.3



REPORT NUMBER: P1306141 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	3395.4	3693.3	4048.1	4523.4	5268.5	6267.5	7522.5	9558.8	13161.1	17737.7	22870.4
-25°	3315.8	3562.9	3954.1	4465.3	4977.3	5692.2	6559.6	7559.4	9478.5	11513.3	14663.9
-27.5°	3224.7	3530.5	3967.6	4445.1	4906.4	5261.2	5877.0	6566.6	7582.7	8566.4	10185.1
-30°	3158.4	3549.4	3984.3	4443.2	4798.7	5112.2	5456.6	5983.7	6641.2	7336.4	8080.5
-32.5°	2828.4	3491.3	3937.6	4349.0	4643.1	4934.4	5239.5	5605.1	6025.5	6466.0	6917.9
-35°	2386.0	3092.0	3784.4	4107.0	4405.0	4698.8	5016.9	5313.1	5609.7	5907.6	6191.4
-37.5°	1843.8	2535.7	3189.8	3753.4	4095.5	4394.7	4733.8	5037.9	5298.0	5521.8	5740.3
-40°	1610.7	1852.4	2485.1	3078.3	3576.2	4050.4	4370.0	4706.8	4996.8	5203.3	5388.8
-42.5°	1546.6	1682.7	1823.0	2277.9	2827.6	3315.0	3748.6	4169.8	4568.6	4855.6	5076.2
-45°	1490.9	1606.1	1726.3	1860.5	1994.4	2421.7	2872.5	3326.3	3795.6	4215.6	4555.8
-47.5°	1387.9	1527.4	1645.7	1756.7	1863.3	1984.9	2110.5	2291.2	2703.0	3123.4	3506.5
-50°	1260.7	1391.4	1523.3	1654.5	1753.3	1846.6	1942.1	2049.9	2169.9	2292.4	2395.6
-52.5°	1122.1	1242.3	1364.1	1479.9	1590.4	1697.8	1802.7	1897.7	1987.1	2073.4	2124.1
-55°	1009.5	1105.8	1201.7	1300.9	1401.7	1500.0	1597.4	1695.7	1790.4	1880.8	1931.3
-57.5°	878.2	974.1	1066.0	1141.6	1219.8	1299.7	1383.1	1467.8	1550.8	1628.1	1671.5
-60°	735.6	818.8	898.4	971.8	1044.2	1115.0	1183.4	1250.5	1315.1	1371.2	1405.4
-62.5°	592.2	659.9	725.9	788.4	849.2	908.9	972.8	1033.4	1090.5	1136.7	1165.0
-65°	469.9	521.5	567.4	612.4	656.7	707.8	762.2	813.8	862.1	899.7	924.6
-67.5°	332.8	377.2	419.3	459.3	496.2	532.6	571.3	609.1	645.5	673.7	693.7
-70°	209.6	237.7	265.4	295.0	327.3	359.3	391.2	420.6	447.5	467.6	482.9
-72.5°	114.3	127.7	141.9	162.8	183.0	204.4	226.4	247.1	266.4	280.0	290.1
-75°	54.3	60.3	71.2	80.9	89.5	99.0	108.5	117.3	125.2	129.4	131.8
-77.5°	37.2	40.2	42.9	45.3	47.5	50.3	53.3	56.4	59.4	61.3	62.8
-80°	27.7	28.9	30.1	31.3	32.5	33.8	35.1	36.2	37.3	38.2	39.1
-82.5°	20.0	20.6	21.2	21.8	22.3	23.2	24.1	24.9	25.7	26.4	27.0
-85°	14.0	14.4	14.8	15.1	15.3	15.8	16.3	16.8	17.3	17.4	17.5
-87.5°	10.0	10.5	11.0	11.6	12.1	12.1	12.2	12.2	12.3	12.3	12.3
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.4	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°	8.9	8.9	9.8	10.6	9.8	8.9	8.9	8.9	8.9	8.9	8.9
87.5°	0.5	0.0	0.9	1.8	0.9	0.0	0.5	0.9	1.4	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
80°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
77.5°	1.8	1.8	2.6	3.5	2.6	1.8	1.8	1.8	1.8	1.8	2.2
75°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.3	3.3	3.2	3.6
72.5°	8.6	8.8	8.9	8.9	8.9	8.8	8.6	8.3	8.0	7.8	8.1
70°	11.7	12.2	12.4	12.4	12.4	12.2	11.7	11.1	10.5	10.7	12.0
67.5°	14.0	14.1	14.2	14.2	14.2	14.1	14.0	13.8	13.5	13.7	15.0
65°	12.6	12.5	11.6	10.6	11.6	12.5	12.6	12.7	12.9	13.8	15.5
62.5°	10.3	10.6	10.6	10.6	10.6	10.6	10.3	10.1	10.0	11.3	13.2
60°	9.0	9.0	8.9	8.9	8.9	9.0	9.0	9.0	8.9	9.6	10.8
57.5°	8.9	8.9	9.6	10.6	9.6	8.9	8.9	8.9	8.9	9.1	9.5
55°	9.8	10.3	10.6	10.6	10.6	10.3	9.8	9.3	8.9	9.1	9.2
52.5°	11.2	10.8	10.6	10.6	10.6	10.8	11.2	11.3	11.0	10.7	10.5
50°	13.0	12.5	12.4	12.4	12.4	12.5	13.0	13.3	13.5	13.3	12.8
47.5°	17.0	16.3	15.9	16.0	15.9	16.3	17.0	17.4	17.5	17.2	16.0
45°	27.9	28.0	28.1	28.4	28.1	28.0	27.9	27.3	36.0	36.8	24.0
42.5°	65.8	56.9	49.2	49.7	49.2	56.9	65.8	68.5	99.9	113.7	110.1
40°	168.6	126.1	83.8	71.0	83.8	126.1	168.6	187.1	185.7	237.3	237.9
37.5°	173.6	177.1	208.4	280.4	208.4	177.1	173.6	192.2	189.5	159.0	185.6
35°	242.6	246.4	237.7	232.5	237.7	246.4	242.6	237.7	222.0	185.5	217.5
32.5°	515.9	538.8	536.0	521.8	536.0	538.8	515.9	507.9	467.8	431.3	421.5
30°	1111.3	1169.4	1163.2	1174.8	1163.2	1169.4	1111.3	1063.9	936.8	884.9	801.2
27.5°	1994.4	2066.2	2079.3	2064.0	2079.3	2066.2	1994.4	1928.8	1763.3	1648.5	1408.5
25°	3958.9	4072.5	4031.0	3977.1	4031.0	4072.5	3958.9	3551.5	2944.9	2784.0	2469.0
22.5°	10040.0	10489.5	10443.3	10064.2	10443.3	10489.5	10040.0	8159.1	6550.2	5202.4	4264.5
20°	27584.0	30552.1	31843.8	30093.2	31843.8	30552.1	27584.0	20754.8	16898.9	11223.6	8502.7
17.5°	58385.3	67428.7	73858.8	76541.9	73858.8	67428.7	58385.3	46695.2	36200.6	25206.6	16206.9
15°	95503.3	109116.5	117033.7	115970.0	117033.7	109116.5	95503.3	79023.4	61397.0	44644.6	27485.9
12.5°	137329.1	153464.0	166835.6	167118.9	166835.6	153464.0	137329.1	115524.4	89173.9	64234.8	41615.4
10°	177785.3	200179.0	218429.6	221966.3	218429.6	200179.0	177785.3	147316.1	118028.1	85467.6	55063.4
7.5°	208136.5	242465.8	265375.5	273770.1	265375.5	242465.8	208136.5	175050.2	138164.3	101491.9	68193.0
5°	238130.8	274102.5	297446.1	301587.3	297446.1	274102.5	238130.8	190939.6	151241.6	113578.5	76604.6
2.5°	258361.5	294647.3	315074.9	329244.0	315074.9	294647.3	258361.5	206795.8	162534.8	121637.3	82630.0
0°	270211.8	299777.1	333578.5	349283.6	333578.5	299777.1	270211.8	214379.5	168213.0	126893.2	86082.6
-2.5°	261252.0	294512.2	313864.2	331710.7	313864.2	294512.2	261252.0	210989.9	164467.3	124152.4	83680.5
-5°	231577.9	267750.2	284846.7	287077.5	284846.7	267750.2	231577.9	188491.5	151081.0	114833.5	77478.1
-7.5°	189226.4	222905.7	239320.1	248381.5	239320.1	222905.7	189226.4	158253.4	129107.5	97595.5	65874.8
-10°	153180.6	172835.3	183885.2	184612.8	183885.2	172835.3	153180.6	130550.3	105953.8	78902.0	51655.6
-12.5°	118263.5	131447.1	137982.5	137743.5	137982.5	131447.1	118263.5	100909.6	78568.2	58160.9	39321.0
-15°	86783.8	97026.1	102921.2	105747.8	102921.2	97026.1	86783.8	72281.8	55812.9	39814.5	26305.0
-17.5°	61254.9	69391.5	75298.4	77684.8	75298.4	69391.5	61254.9	49679.0	38802.3	26828.6	18136.1
-20°	41759.4	47335.9	51168.1	52794.9	51168.1	47335.9	41759.4	33956.3	26573.3	18812.4	13092.4



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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°	27506.4	31244.8	33872.3	33731.3	33872.3	31244.8	27506.4	22870.4	17737.7	13161.1	9558.8
-25°	17534.9	19590.5	20940.2	21049.5	20940.2	19590.5	17534.9	14663.9	11513.3	9478.5	7559.4
-27.5°	11605.8	12509.4	13054.0	13148.6	13054.0	12509.4	11605.8	10185.1	8566.4	7582.7	6566.6
-30°	8784.1	9199.9	9511.2	9498.1	9511.2	9199.9	8784.1	8080.5	7336.4	6641.2	5983.7
-32.5°	7302.5	7507.1	7643.4	7753.6	7643.4	7507.1	7302.5	6917.9	6466.0	6025.5	5605.1
-35°	6386.1	6490.3	6566.3	6635.5	6566.3	6490.3	6386.1	6191.4	5907.6	5609.7	5313.1
-37.5°	5865.9	5938.0	5985.8	6002.0	5985.8	5938.0	5865.9	5740.3	5521.8	5298.0	5037.9
-40°	5459.7	5500.3	5524.4	5538.8	5524.4	5500.3	5459.7	5388.8	5203.3	4996.8	4706.8
-42.5°	5154.8	5210.5	5239.4	5238.9	5239.4	5210.5	5154.8	5076.2	4855.6	4568.6	4169.8
-45°	4750.8	4891.8	4977.2	5013.5	4977.2	4891.8	4750.8	4555.8	4215.6	3795.6	3326.3
-47.5°	3820.5	4088.2	4276.0	4374.6	4276.0	4088.2	3820.5	3506.5	3123.4	2703.0	2291.2
-50°	2488.5	2578.0	2615.6	2599.9	2615.6	2578.0	2488.5	2395.6	2292.4	2169.9	2049.9
-52.5°	2161.7	2193.8	2213.3	2221.9	2213.3	2193.8	2161.7	2124.1	2073.4	1987.1	1897.7
-55°	1973.9	2009.6	2032.6	2044.4	2032.6	2009.6	1973.9	1931.3	1880.8	1790.4	1695.7
-57.5°	1707.8	1736.6	1754.2	1762.3	1754.2	1736.6	1707.8	1671.5	1628.1	1550.8	1467.8
-60°	1434.4	1458.0	1473.6	1481.9	1473.6	1458.0	1434.4	1405.4	1371.2	1315.1	1250.5
-62.5°	1188.0	1205.4	1220.8	1231.6	1220.8	1205.4	1188.0	1165.0	1136.7	1090.5	1033.4
-65°	944.8	960.3	971.5	977.8	971.5	960.3	944.8	924.6	899.7	862.1	813.8
-67.5°	710.1	722.8	733.2	740.0	733.2	722.8	710.1	693.7	673.7	645.5	609.1
-70°	495.2	504.5	513.6	520.0	513.6	504.5	495.2	482.9	467.6	447.5	420.6
-72.5°	298.2	304.0	306.8	307.0	306.8	304.0	298.2	290.1	280.0	266.4	247.1
-75°	133.1	133.4	136.2	138.4	136.2	133.4	133.1	131.8	129.4	125.2	117.3
-77.5°	64.1	65.2	66.4	67.4	66.4	65.2	64.1	62.8	61.3	59.4	56.4
-80°	39.9	40.6	40.8	40.8	40.8	40.6	39.9	39.1	38.2	37.3	36.2
-82.5°	27.7	28.3	28.4	28.4	28.4	28.3	27.7	27.0	26.4	25.7	24.9
-85°	17.6	17.7	17.7	17.7	17.7	17.7	17.6	17.5	17.4	17.3	16.8
-87.5°	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.3	12.3	12.3	12.2
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.9	8.9	8.9	8.5	8.0	7.6	7.1	7.1	7.1	7.1	7.1
87.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
85°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
82.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.1	2.1	2.0
80°	1.8	1.8	1.8	2.1	2.2	2.3	2.3	2.6	2.8	3.1	3.2
77.5°	2.4	2.6	2.8	3.1	3.3	3.6	3.8	4.0	4.2	4.4	4.4
75°	3.9	4.1	4.5	5.0	5.3	5.2	5.1	5.0	5.0	5.1	5.2
72.5°	8.2	8.1	8.4	8.9	9.0	9.3	9.4	8.8	7.8	6.3	5.3
70°	13.0	13.8	15.2	17.1	18.3	18.6	18.2	16.7	14.3	12.6	10.1
67.5°	16.3	17.6	20.3	23.5	25.6	27.3	28.6	28.9	27.6	24.9	17.9
65°	17.2	18.9	21.5	24.0	27.1	30.9	36.4	39.2	39.4	37.4	28.9
62.5°	15.3	17.4	19.5	21.8	24.7	28.9	35.1	40.8	46.3	47.8	38.8
60°	12.4	14.3	15.8	17.9	20.6	26.1	33.0	39.7	46.1	46.4	43.6
57.5°	10.1	11.3	13.0	14.5	15.7	20.5	28.1	37.4	45.1	43.6	41.9
55°	9.0	9.9	11.4	12.9	14.5	17.4	21.6	28.6	36.9	39.8	38.3
52.5°	10.5	10.7	11.1	11.8	13.3	15.3	17.8	22.7	26.9	30.8	33.3
50°	12.2	12.2	12.2	12.2	13.3	14.2	16.0	18.6	21.5	24.6	27.2
47.5°	15.9	15.8	14.5	14.1	16.2	15.4	16.1	17.3	20.0	20.9	23.5
45°	26.5	26.2	21.5	22.7	24.6	24.5	20.3	22.0	22.3	22.5	21.3
42.5°	86.1	59.6	45.4	41.0	38.8	38.6	36.2	33.7	31.3	27.8	27.9
40°	165.0	140.7	108.4	73.2	61.0	56.5	58.5	51.0	45.9	39.9	41.5
37.5°	180.6	128.2	148.3	136.9	99.9	93.1	95.2	81.6	63.7	74.4	72.7
35°	194.9	181.6	203.1	201.1	162.0	185.9	164.0	132.6	117.0	133.7	120.5
32.5°	366.5	378.1	358.4	338.2	341.2	337.6	298.8	224.2	226.4	225.2	198.1
30°	717.3	698.1	639.5	606.1	617.0	560.0	485.6	472.0	415.6	341.0	297.4
27.5°	1349.6	1159.5	1063.6	1082.6	1000.5	883.8	846.2	821.5	671.2	531.7	424.3
25°	2321.0	2012.1	1851.4	1768.0	1573.0	1406.7	1340.0	1248.4	1054.8	778.1	590.4
22.5°	3687.1	3343.7	3024.4	2648.4	2386.4	2177.8	1951.7	1734.1	1504.8	1133.4	842.4
20°	5940.8	5052.3	4451.7	3828.5	3344.6	3029.1	2650.1	2278.1	1962.4	1581.5	1132.3
17.5°	10480.5	7419.7	5916.5	4996.0	4353.2	3912.5	3310.9	2762.5	2401.0	2058.8	1442.6
15°	16167.2	10576.4	7634.6	6228.6	5258.5	4441.4	3826.6	3195.2	2822.1	2495.4	1816.7
12.5°	24565.2	14512.9	9225.3	7122.4	5808.1	4912.6	4262.3	3647.2	3163.2	2720.8	2083.5
10°	32215.8	19147.4	11635.1	8140.6	6404.9	5332.3	4542.8	3820.8	3256.0	2839.9	2305.9
7.5°	41315.5	23982.0	14026.3	9025.4	6914.1	5555.5	4592.1	3844.5	3311.0	2924.5	2485.5
5°	46557.6	27479.2	15668.9	9720.5	7344.5	5763.4	4611.8	3802.4	3333.0	2979.5	2623.9
2.5°	49586.9	29564.6	16616.6	10206.8	7660.4	5967.5	4664.4	3808.7	3359.8	3015.9	2677.2
0°	51334.4	29608.8	16815.1	10289.6	7728.7	6181.2	4773.9	3872.4	3382.5	3038.3	2695.7
-2.5°	49655.0	29613.4	16559.1	10120.6	7671.1	6153.8	4833.2	3941.2	3436.9	3051.1	2688.5
-5°	46318.9	27245.2	15438.9	9610.4	7316.2	5879.0	4731.3	3914.7	3423.6	3032.6	2650.1
-7.5°	40289.0	23574.4	13701.8	8886.1	6811.8	5492.4	4512.5	3778.1	3295.4	2928.5	2529.4
-10°	31524.0	18640.2	11247.0	7834.5	6164.7	5082.6	4257.7	3604.2	3150.9	2812.9	2386.0
-12.5°	23891.2	14074.5	8705.6	6581.2	5426.3	4625.1	3982.7	3416.6	2992.1	2688.3	2224.5
-15°	16037.1	10485.3	7432.6	5812.1	4828.6	4221.2	3747.7	3298.5	2934.6	2593.3	2048.3
-17.5°	12048.4	8030.3	6217.1	5221.0	4470.7	3941.8	3589.7	3239.4	2903.4	2517.6	1885.0
-20°	8896.6	6930.5	5652.2	4817.9	4227.1	3807.4	3476.2	3187.2	2853.7	2332.7	1686.7



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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°	7522.5	6267.5	5268.5	4523.4	4048.1	3693.3	3395.4	3120.4	2782.1	2088.5	1467.5
-25°	6559.6	5692.2	4977.3	4465.3	3954.1	3562.9	3315.8	3030.6	2506.5	1813.9	1262.6
-27.5°	5877.0	5261.2	4906.4	4445.1	3967.6	3530.5	3224.7	2889.5	2193.5	1560.9	1241.7
-30°	5456.6	5112.2	4798.7	4443.2	3984.3	3549.4	3158.4	2523.2	1873.8	1345.8	1226.5
-32.5°	5239.5	4934.4	4643.1	4349.0	3937.6	3491.3	2828.4	2130.5	1514.6	1320.8	1199.7
-35°	5016.9	4698.8	4405.0	4107.0	3784.4	3092.0	2386.0	1711.6	1411.0	1284.3	1163.8
-37.5°	4733.8	4394.7	4095.5	3753.4	3189.8	2535.7	1843.8	1515.8	1367.9	1237.0	1107.1
-40°	4370.0	4050.4	3576.2	3078.3	2485.1	1852.4	1610.7	1463.6	1324.9	1174.2	1038.2
-42.5°	3748.6	3315.0	2827.6	2277.9	1823.0	1682.7	1546.6	1414.7	1267.9	1108.6	966.3
-45°	2872.5	2421.7	1994.4	1860.5	1726.3	1606.1	1490.9	1343.3	1187.2	1035.0	892.3
-47.5°	2110.5	1984.9	1863.3	1756.7	1645.7	1527.4	1387.9	1245.8	1094.1	952.5	832.0
-50°	1942.1	1846.6	1753.3	1654.5	1523.3	1391.4	1260.7	1129.7	996.9	879.0	765.4
-52.5°	1802.7	1697.8	1590.4	1479.9	1364.1	1242.3	1122.1	1018.6	909.2	797.1	691.8
-55°	1597.4	1500.0	1401.7	1300.9	1201.7	1105.8	1009.5	910.2	807.9	705.4	608.6
-57.5°	1383.1	1299.7	1219.8	1141.6	1066.0	974.1	878.2	785.5	696.0	604.1	519.4
-60°	1183.4	1115.0	1044.2	971.8	898.4	818.8	735.6	654.2	575.0	507.2	440.0
-62.5°	972.8	908.9	849.2	788.4	725.9	659.9	592.2	532.5	474.7	416.3	352.2
-65°	762.2	707.8	656.7	612.4	567.4	521.5	469.9	417.2	365.2	314.9	258.6
-67.5°	571.3	532.6	496.2	459.3	419.3	377.2	332.8	289.5	252.4	216.1	172.2
-70°	391.2	359.3	327.3	295.0	265.4	237.7	209.6	180.5	150.0	126.4	102.7
-72.5°	226.4	204.4	183.0	162.8	141.9	127.7	114.3	99.0	82.3	64.3	51.0
-75°	108.5	99.0	89.5	80.9	71.2	60.3	54.3	50.2	46.0	41.9	37.7
-77.5°	53.3	50.3	47.5	45.3	42.9	40.2	37.2	34.5	32.7	31.0	29.3
-80°	35.1	33.8	32.5	31.3	30.1	28.9	27.7	26.5	25.4	24.3	23.2
-82.5°	24.1	23.2	22.3	21.8	21.2	20.6	20.0	19.3	18.6	17.8	17.0
-85°	16.3	15.8	15.3	15.1	14.8	14.4	14.0	13.8	13.5	13.2	12.8
-87.5°	12.2	12.1	12.1	11.6	11.0	10.5	10.0	9.9	9.8	9.7	9.6
-90°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	7.1	7.1	7.1	7.1	6.7	6.2	5.8	5.3	5.3	5.3	5.3
87.5°	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.5	3.5	3.5
85°	2.0	2.0	2.1	2.1	2.3	2.7	3.1	3.5	3.5	3.5	3.5
82.5°	2.3	2.6	2.9	3.0	3.0	3.1	3.3	3.5	3.6	3.5	3.5
80°	3.1	3.2	3.3	3.5	3.5	3.5	3.4	3.5	3.8	3.8	3.8
77.5°	3.9	3.7	3.5	3.5	3.5	3.5	3.5	3.6	4.0	4.2	4.2
75°	4.7	4.1	3.7	3.6	3.6	3.5	3.5	3.6	4.1	4.5	4.6
72.5°	5.1	4.7	4.1	3.7	4.0	4.0	3.8	3.7	4.1	4.6	5.0
70°	7.6	5.7	5.0	4.6	4.5	4.6	4.5	4.2	4.2	4.6	5.0
67.5°	11.6	8.8	6.8	5.5	5.0	5.0	5.2	4.9	4.6	4.7	5.1
65°	20.8	13.9	8.7	6.9	5.7	5.2	5.3	5.3	5.0	4.9	5.1
62.5°	29.7	20.7	14.2	9.2	6.5	5.6	5.3	5.5	5.4	5.1	5.2
60°	38.7	28.9	20.2	14.2	8.9	5.7	5.5	5.8	5.7	5.3	5.3
57.5°	39.1	35.9	28.3	19.9	13.2	7.8	5.7	6.1	6.1	5.6	5.3
55°	37.3	35.4	33.9	27.1	18.2	11.4	7.2	6.5	6.5	6.1	5.4
52.5°	33.1	34.9	35.2	32.2	24.4	15.5	10.5	7.0	7.0	6.6	5.9
50°	28.7	33.4	36.0	34.6	29.8	21.3	13.5	9.4	7.6	7.1	6.4
47.5°	26.9	32.4	36.2	37.1	33.0	26.9	18.0	11.7	8.2	7.7	6.9
45°	27.2	31.6	36.5	38.4	36.7	30.9	23.0	13.9	10.0	8.3	7.4
42.5°	29.3	33.3	36.5	40.5	39.1	34.2	27.9	17.9	11.7	8.8	7.9
40°	39.8	37.1	37.9	42.3	41.9	37.4	30.9	22.1	13.2	9.6	8.3
37.5°	53.9	47.2	42.8	48.4	46.3	40.6	33.7	26.1	15.2	10.8	8.8
35°	92.0	63.3	62.9	63.2	55.0	44.4	36.3	29.3	18.8	11.9	9.2
32.5°	140.4	109.3	106.4	88.6	67.0	48.8	39.6	32.2	22.4	12.8	9.6
30°	233.9	210.2	166.4	121.3	85.8	60.3	44.2	35.2	26.0	13.7	10.1
27.5°	387.5	334.7	247.8	176.6	117.4	75.0	50.7	38.3	29.6	15.3	10.8
25°	546.3	478.9	368.5	247.6	153.9	104.7	58.1	41.6	32.4	18.1	11.5
22.5°	700.1	628.9	504.9	328.3	207.2	142.8	74.2	47.4	35.0	20.8	12.1
20°	849.8	782.5	644.4	401.8	269.9	189.6	102.1	53.6	37.5	23.4	12.6
17.5°	1015.2	900.7	722.8	488.0	332.1	236.6	134.3	60.2	39.9	25.8	13.0
15°	1218.3	970.7	798.3	564.6	387.4	283.7	169.6	66.9	42.3	28.0	13.5
12.5°	1400.2	1035.3	872.7	631.7	436.4	330.1	207.1	73.6	44.6	30.6	14.3
10°	1570.9	1094.8	944.5	689.6	479.7	375.5	245.3	81.2	48.2	33.5	15.0
7.5°	1726.9	1149.2	1012.1	738.6	515.1	406.7	268.9	90.5	52.0	36.2	15.8
5°	1854.1	1192.4	1059.2	772.0	532.5	421.8	286.1	99.5	55.6	38.6	16.5
2.5°	1913.9	1222.1	1088.2	797.1	547.3	433.5	298.8	107.9	59.0	40.8	17.1
0°	1945.0	1247.6	1107.4	814.6	559.0	441.9	307.0	115.4	62.1	42.6	17.7
-2.5°	1949.6	1253.3	1112.2	832.4	577.6	454.0	317.9	135.9	78.0	52.4	23.2
-5°	1925.1	1254.0	1108.7	842.5	592.5	462.8	325.1	155.1	93.3	61.6	28.6
-7.5°	1841.6	1235.1	1089.7	843.3	603.3	468.1	329.3	172.8	107.7	70.0	33.5
-10°	1723.8	1202.0	1053.0	829.0	613.3	475.7	332.9	188.7	120.8	77.4	38.0
-12.5°	1579.7	1164.7	1015.4	811.6	620.8	486.0	344.0	204.7	132.5	83.8	41.9
-15°	1410.3	1123.5	979.0	792.7	625.2	494.3	351.9	218.9	143.1	89.4	45.0
-17.5°	1224.1	1078.6	945.7	773.6	626.8	501.0	356.4	229.8	152.0	94.3	48.0
-20°	1182.7	1051.9	916.5	755.4	625.8	506.4	357.8	237.0	159.0	97.7	50.5



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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°	1166.9	1039.9	897.6	747.1	624.2	510.8	356.1	240.2	163.9	99.2	51.9
-25°	1150.5	1025.4	876.2	735.5	623.9	504.7	355.0	239.2	166.7	98.9	52.2
-27.5°	1131.3	1005.1	849.6	717.0	611.3	495.3	352.8	241.5	166.8	96.7	51.2
-30°	1109.5	970.6	822.7	693.9	594.1	470.1	344.8	241.1	163.8	94.5	48.9
-32.5°	1078.5	930.8	789.2	671.4	565.7	442.5	327.0	237.6	158.1	91.7	47.3
-35°	1026.1	884.9	748.7	643.4	532.6	416.5	308.1	231.0	149.7	87.0	45.2
-37.5°	967.8	832.6	713.0	608.5	498.0	388.0	293.5	216.3	138.4	80.4	42.1
-40°	906.5	781.7	673.7	569.4	463.5	357.0	275.9	198.0	127.9	71.8	37.9
-42.5°	841.6	734.0	630.3	529.1	427.2	334.0	254.9	177.0	114.4	64.5	32.6
-45°	784.4	682.1	583.3	485.6	390.0	307.7	228.5	154.2	98.7	57.2	28.3
-47.5°	723.0	627.3	532.1	438.3	356.6	277.2	199.0	134.2	81.3	48.4	26.4
-50°	660.3	568.0	476.6	393.8	318.4	240.7	168.4	112.0	69.2	37.9	24.2
-52.5°	593.8	503.8	422.7	348.3	273.5	201.0	140.5	88.6	56.0	32.3	21.6
-55°	518.8	441.4	369.1	295.7	224.3	164.2	110.1	72.2	41.8	28.7	18.9
-57.5°	447.7	378.9	306.9	237.4	177.9	126.1	85.5	54.7	35.0	24.9	17.9
-60°	373.7	305.1	238.7	182.8	132.4	93.1	64.1	40.4	30.3	21.4	16.8
-62.5°	289.0	228.9	177.0	129.1	94.2	67.0	44.5	34.6	25.2	19.9	15.7
-65°	208.1	159.9	116.1	89.1	63.6	44.9	37.4	28.5	22.7	18.4	14.6
-67.5°	129.6	102.3	76.9	53.7	43.6	36.8	29.9	25.0	20.8	16.8	13.7
-70°	79.0	56.8	46.5	40.7	34.7	29.1	26.1	22.6	18.7	15.6	12.8
-72.5°	46.0	41.0	36.1	31.2	28.3	25.5	23.0	20.2	17.2	14.4	11.8
-75°	33.6	31.1	28.9	26.5	24.1	21.9	20.2	18.2	15.6	13.1	10.8
-77.5°	27.5	25.6	23.7	22.0	20.4	19.0	17.7	16.2	13.9	11.7	9.8
-80°	21.8	20.4	19.2	18.0	16.9	16.0	15.1	14.1	12.2	10.3	8.7
-82.5°	16.2	15.6	15.0	14.5	13.9	13.3	12.7	12.0	10.4	8.9	7.7
-85°	12.5	12.1	11.8	11.4	11.0	10.6	10.2	9.8	8.7	7.7	6.9
-87.5°	9.5	9.3	9.2	9.1	8.8	8.4	8.0	7.5	7.0	6.5	6.1
-90°	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.5	3.5	3.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.3	5.3	5.3	5.3	5.3	4.4	3.5
87.5°	3.5	3.6	3.7	3.7	3.7	3.6	3.5
85°	3.5	3.7	3.8	3.9	3.8	3.7	3.5
82.5°	3.5	3.8	4.0	4.0	4.0	3.7	3.5
80°	3.6	3.9	4.1	4.2	4.1	3.8	3.5
77.5°	4.1	4.1	4.3	4.4	4.3	3.9	3.5
75°	4.5	4.4	4.5	4.6	4.4	4.0	3.5
72.5°	4.9	4.7	4.6	4.8	4.6	4.0	3.5
70°	5.3	4.9	4.8	4.9	4.7	4.1	3.5
67.5°	5.3	5.2	4.9	5.0	4.9	4.2	3.5
65°	5.3	5.3	5.1	5.1	5.0	4.3	3.5
62.5°	5.3	5.3	5.2	5.1	5.2	4.3	3.5
60°	5.3	5.3	5.3	5.2	5.3	4.4	3.5
57.5°	5.4	5.3	5.3	5.2	5.3	4.5	3.5
55°	5.5	5.3	5.3	5.2	5.3	4.5	3.5
52.5°	5.6	5.3	5.3	5.3	5.3	4.6	3.5
50°	5.8	5.5	5.3	5.3	5.3	4.7	3.5
47.5°	6.0	5.7	5.3	5.3	5.3	4.7	3.5
45°	6.5	5.9	5.3	5.3	5.3	4.8	3.5
42.5°	6.9	6.1	5.3	5.3	5.3	4.8	3.5
40°	7.3	6.3	5.4	5.3	5.3	4.9	3.5
37.5°	7.7	6.6	5.6	5.3	5.3	4.9	3.5
35°	8.0	6.8	5.8	5.3	5.3	5.0	3.5
32.5°	8.4	7.2	5.9	5.3	5.3	5.0	3.5
30°	8.7	7.4	6.1	5.3	5.3	5.1	3.5
27.5°	9.1	7.7	6.3	5.3	5.3	5.1	3.5
25°	9.4	8.0	6.4	5.3	5.3	5.1	3.5
22.5°	9.7	8.2	6.5	5.3	5.3	5.2	3.5
20°	9.9	8.3	6.7	5.3	5.3	5.2	3.5
17.5°	10.2	8.5	6.8	5.3	5.3	5.2	3.5
15°	10.5	8.6	6.9	5.3	5.3	5.2	3.5
12.5°	10.9	8.7	6.9	5.3	5.3	5.3	3.5
10°	11.2	8.8	7.0	5.3	5.3	5.3	3.5
7.5°	11.5	8.8	7.0	5.3	5.3	5.3	3.5
5°	11.8	8.9	7.1	5.3	5.3	5.3	3.5
2.5°	12.1	8.9	7.1	5.3	5.3	5.3	3.5
0°	12.4	8.9	7.1	5.3	5.3	5.3	3.5
-2.5°	14.5	9.7	7.4	5.5	5.4	5.3	3.5
-5°	16.5	10.4	7.7	5.8	5.5	5.3	3.5
-7.5°	18.4	11.1	8.0	6.0	5.5	5.3	3.5
-10°	20.2	11.8	8.2	6.2	5.6	5.3	3.5
-12.5°	21.7	12.3	8.5	6.4	5.7	5.3	3.5
-15°	22.9	12.8	8.7	6.6	5.7	5.2	3.5
-17.5°	23.8	13.2	8.9	6.8	5.8	5.2	3.5
-20°	24.7	13.6	9.1	7.0	5.8	5.2	3.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	25.5	13.7	9.3	7.1	5.9	5.2	3.5
-25°	25.8	13.9	9.4	7.3	5.9	5.2	3.5
-27.5°	25.4	14.0	9.6	7.4	5.9	5.1	3.5
-30°	24.3	13.9	9.7	7.5	6.0	5.1	3.5
-32.5°	22.6	13.6	9.8	7.5	6.0	5.1	3.5
-35°	21.7	13.2	9.8	7.6	6.0	5.1	3.5
-37.5°	21.2	12.9	9.8	7.6	5.9	5.0	3.5
-40°	20.4	12.9	9.8	7.6	5.9	5.0	3.5
-42.5°	19.3	12.8	9.7	7.5	5.9	5.0	3.5
-45°	18.0	12.6	9.6	7.4	5.8	5.0	3.5
-47.5°	16.4	12.3	9.5	7.3	5.8	4.9	3.5
-50°	15.8	12.0	9.3	7.2	5.7	4.9	3.5
-52.5°	15.3	11.6	9.1	7.1	5.6	4.9	3.5
-55°	14.6	11.3	8.9	6.9	5.5	4.8	3.5
-57.5°	13.9	10.9	8.7	6.8	5.4	4.8	3.5
-60°	13.1	10.5	8.4	6.6	5.3	4.8	3.5
-62.5°	12.5	10.1	8.1	6.4	5.3	4.8	3.5
-65°	11.8	9.6	7.7	6.2	5.3	4.7	3.5
-67.5°	11.1	9.1	7.4	6.0	5.3	4.7	3.5
-70°	10.4	8.6	7.0	5.7	5.3	4.7	3.5
-72.5°	9.6	8.0	6.6	5.6	5.3	4.6	3.5
-75°	8.8	7.4	6.2	5.6	5.3	4.6	3.5
-77.5°	8.0	6.8	6.0	5.6	5.3	4.6	3.5
-80°	7.2	6.4	5.9	5.5	5.3	4.5	3.5
-82.5°	6.7	6.2	5.8	5.5	5.3	4.5	3.5
-85°	6.2	5.9	5.6	5.4	5.3	4.5	3.5
-87.5°	5.8	5.6	5.5	5.4	5.3	4.4	3.5
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5

(END OF REPORT)