

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: P1306150 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-5S-CV2-A**

Issue Date: 2/3/2026

Test Information

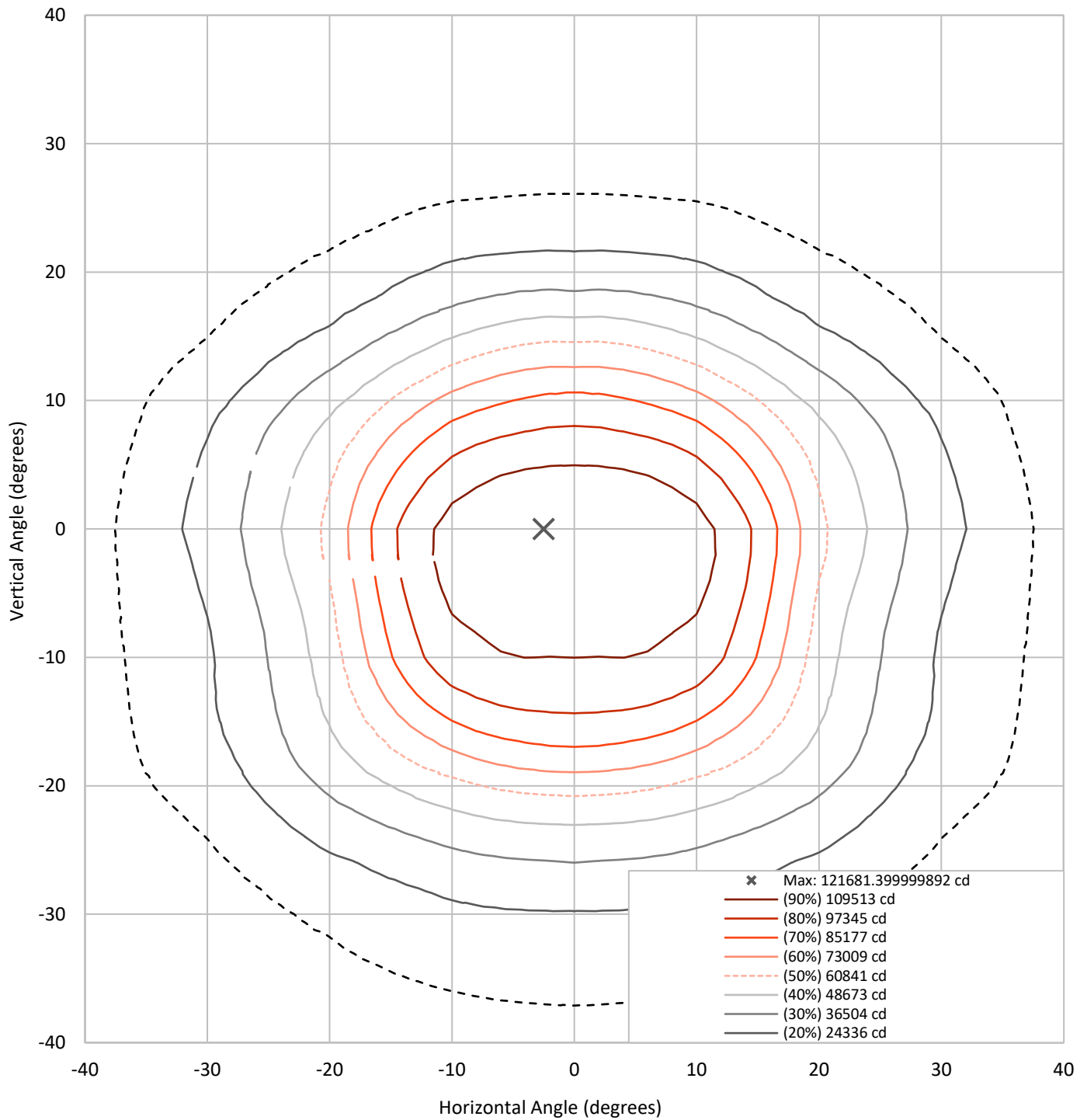
Test Method: LM-79-08
Report Number: P1306150 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-32)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-5S-CV2-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	60053.1 lumens	Max Intensity:	121681.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	108.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.5°H x 35.3°V	Field Angle (10%):	75°H x 63°V
Beam Lumens:	33030.4 lumens	Field Lumens:	55015.5 lumens
Beam Efficiency:	55.0%	Field Efficiency:	91.6%
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





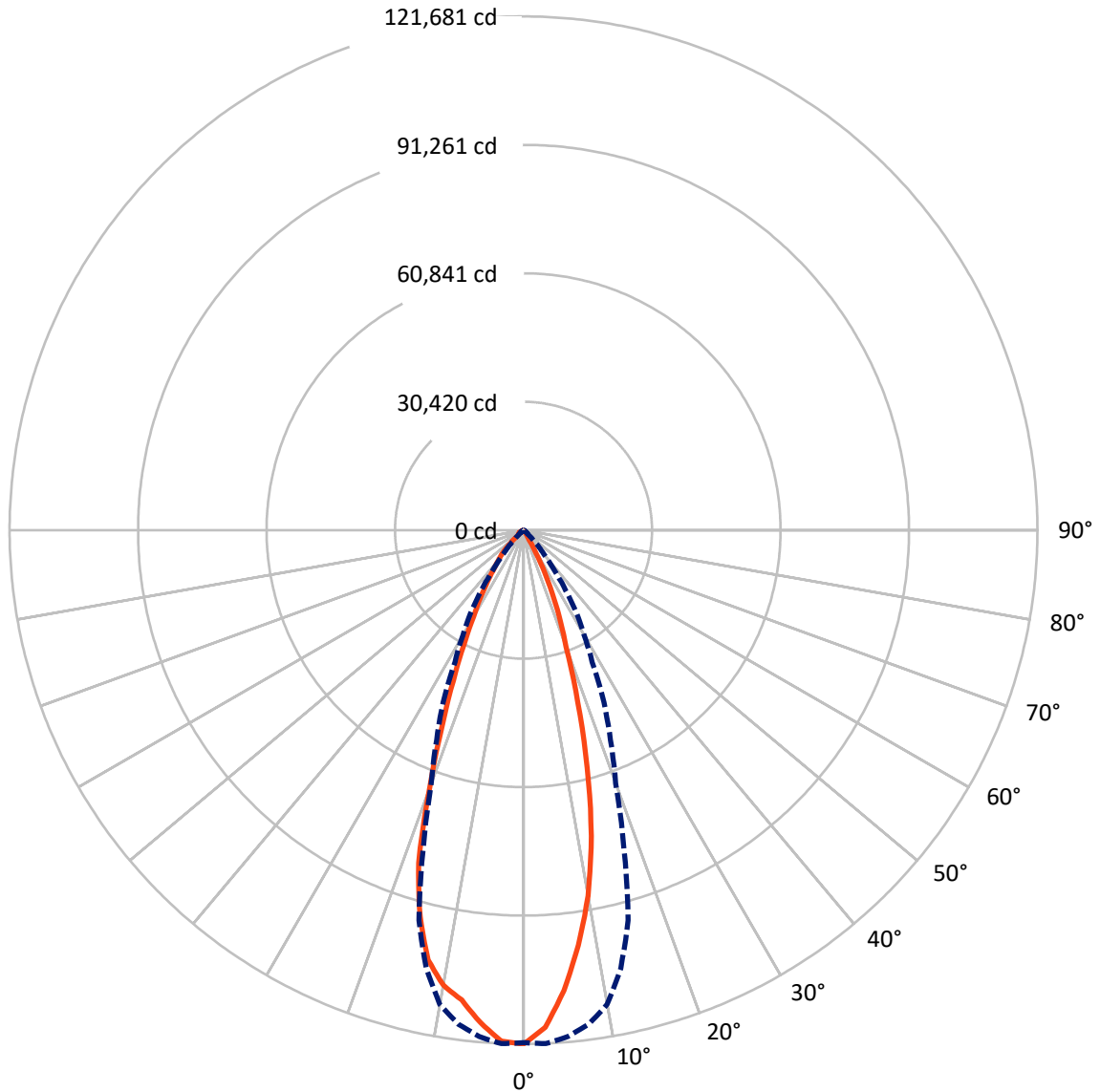
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Lumen Table

90	0.1	0.4	0.5	0.5	0.4	0.5	0.5	0.4	0.1									
80	0.1	0.4	0.5	0.5	0.4	0.5	0.5	0.4	0.1									
70	0.2	0.1	0.2	0.3	0.5	0.4	0.3	0.4	0.4	0.3	0.4	0.5	0.3	0.2	0.1	0.2		
60		0.1	0.2	0.6	0.7	0.4	0.4	0.5	0.5	0.4	0.4	0.7	0.6	0.2	0.1			
50	0.2	0.1	0.3	0.6	0.7	1.0	1.5	1.8	1.8	1.5	1.0	0.7	0.6	0.3	0.1	0.2		
40		0.2	0.8	1.8	4.9	13.5	23.4	29.8	29.8	23.4	13.5	4.9	1.8	0.8	0.2			
30	0.2	0.3	2.6	9.2	53.3	153.3	311.6	449.9	449.9	311.6	153.3	53.3	9.2	2.6	0.3	0.2		
20		0.7	5.7	29.9	189.6	555.9	1139.2	1683.1	1683.1	1139.2	555.9	189.6	29.9	5.7	0.7			
10	0.2	1.3	9.6	65.0	390.1	1114.4	2333.4	3184.7	3184.7	2333.4	1114.4	390.1	65.0	9.6	1.3	0.2		
0		2.2	13.1	78.7	408.6	1141.2	2618.7	3490.3	3490.3	2618.7	1141.2	408.6	78.7	13.1	2.2			
-10	0.4	2.6	13.5	63.2	346.8	939.6	1978.6	2724.8	2724.8	1978.6	939.6	346.8	63.2	13.5	2.6	0.4		
-20		2.3	11.1	29.6	174.0	502.8	924.6	1214.1	1214.1	924.6	502.8	174.0	29.6	11.1	2.3			
-30	0.3	1.7	7.6	17.3	50.8	189.4	348.5	454.7	454.7	348.5	189.4	50.8	17.3	7.6	1.7	0.3		
-40		1.0	4.6	12.2	22.4	42.0	94.7	142.9	142.9	94.7	42.0	22.4	12.2	4.6	1.0			
-50	0.2	0.5	2.3	6.8	14.3	23.6	32.3	37.4	37.4	32.3	23.6	14.3	6.8	2.3	0.5	0.2		
-60		0.2	0.9	2.7	5.9	10.4	15.7	18.8	18.8	15.7	10.4	5.9	2.7	0.9	0.2			
-70	0.2	0.5	2.3	6.8	14.3	23.6	32.3	37.4	37.4	32.3	23.6	14.3	6.8	2.3	0.5	0.2		
-80		0.2	0.9	2.7	5.9	10.4	15.7	18.8	18.8	15.7	10.4	5.9	2.7	0.9	0.2			
-90	0.2	0.7	2.2	5.7	7.9	5.7	2.2	0.7	0.2									

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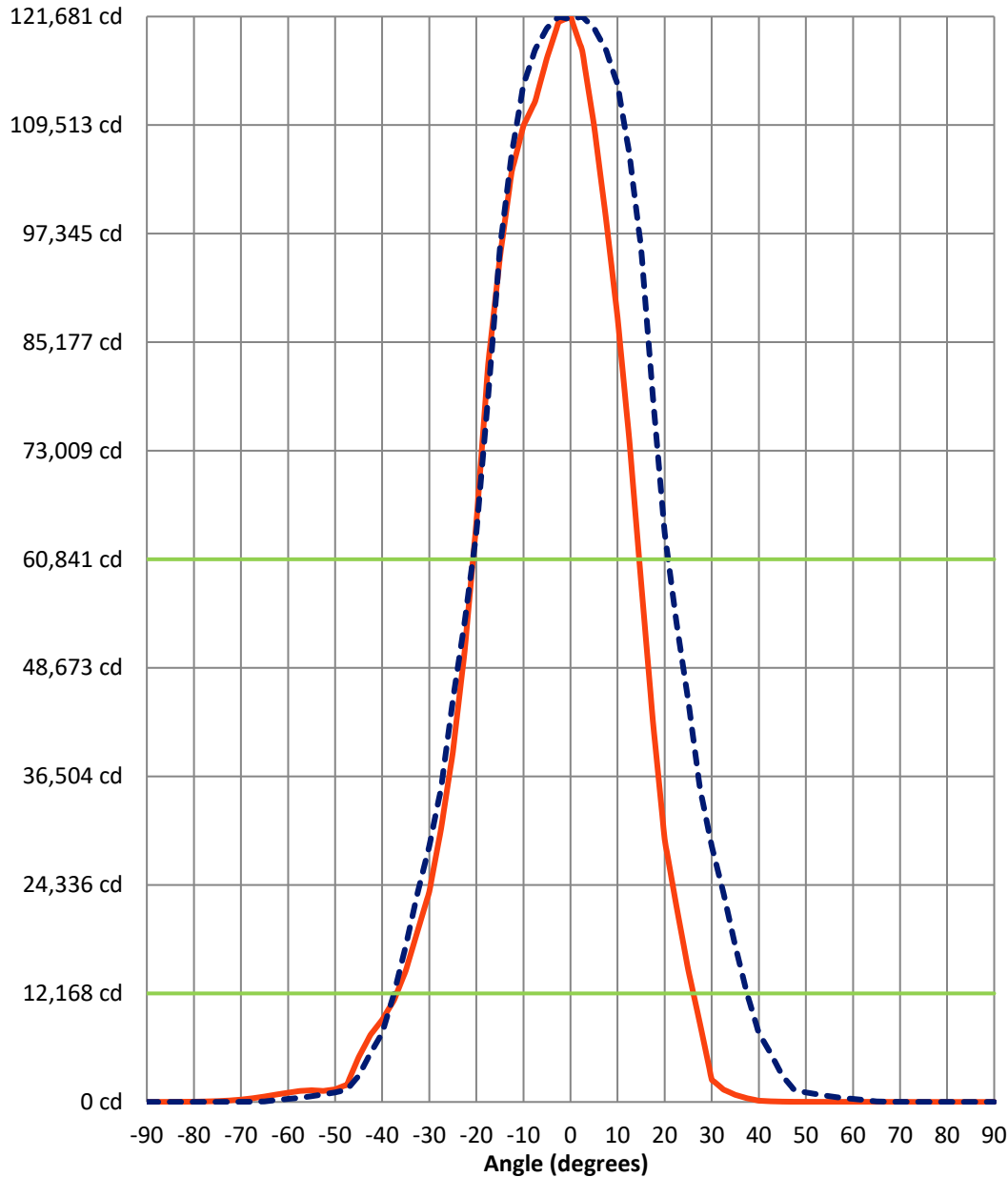
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 41.5°
 V Angle: 35.3°
 Lumens: 33030.4
 Efficiency: 55.0%

Field:
 H Angle: 75°
 V Angle: 63°
 Lumens: 55015.5
 Efficiency: 91.6%

Spill:
 Lumens: 5037.6
 Efficiency: 8.4%

— Vertical Distribution through -2.5-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°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
85°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
82.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
80°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
77.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
75°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.3	7.2
72.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.5	7.5	7.3
70°	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.7	7.9	7.8	7.8
67.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.6	8.1	8.3	8.2	8.5
65°	7.1	7.1	7.1	7.1	7.1	7.3	8.0	8.6	8.5	8.6	8.9
62.5°	7.1	7.1	7.1	7.1	7.1	7.6	8.4	8.8	8.7	8.9	8.9
60°	7.1	7.1	7.1	7.1	7.1	8.0	8.9	8.9	8.9	8.9	8.9
57.5°	7.1	7.1	7.1	7.1	7.4	8.3	8.9	8.9	8.9	8.9	8.9
55°	7.1	7.1	7.1	7.1	7.6	8.6	8.9	8.9	8.9	8.9	8.9
52.5°	7.1	7.1	7.1	7.1	7.9	8.9	8.9	8.9	8.9	8.9	8.9
50°	7.1	7.1	7.1	7.1	8.1	8.9	8.9	8.9	8.9	8.9	9.4
47.5°	7.1	7.1	7.1	7.1	8.4	8.9	8.9	8.9	8.9	8.9	10.0
45°	7.1	7.1	7.1	7.3	8.6	8.9	8.9	8.9	9.0	9.4	10.5
42.5°	7.1	7.1	7.1	7.5	8.8	8.9	8.9	9.0	9.1	9.8	11.1
40°	7.1	7.1	7.1	7.6	8.9	8.9	8.9	9.1	9.3	10.3	11.6
37.5°	7.1	7.1	7.1	7.7	8.9	8.9	8.9	9.3	9.8	10.9	12.1
35°	7.1	7.1	7.1	7.8	8.9	8.9	8.9	9.5	10.3	11.5	12.6
32.5°	7.1	7.1	7.1	7.9	8.9	8.9	9.0	9.7	10.8	12.2	13.5
30°	7.1	7.1	7.1	7.9	8.9	8.9	9.1	10.0	11.3	13.0	14.5
27.5°	7.1	7.1	7.1	7.9	8.8	8.9	9.3	10.4	11.8	13.7	15.7
25°	7.1	7.1	7.1	7.9	8.8	8.9	9.5	10.7	12.4	14.6	17.0
22.5°	7.1	7.1	7.1	7.9	8.8	8.9	9.7	11.1	13.0	15.7	20.0
20°	7.1	7.1	7.1	7.9	8.8	8.9	9.9	11.4	13.6	16.7	23.1
17.5°	7.1	7.1	7.1	7.8	8.8	8.9	10.1	11.7	14.3	17.8	26.2
15°	7.1	7.1	7.1	7.7	8.8	8.9	10.2	12.0	14.9	18.9	29.3
12.5°	7.1	7.1	7.1	7.6	8.8	8.9	10.4	12.1	15.4	20.0	32.2
10°	7.1	7.1	7.1	7.5	8.8	8.9	10.4	12.2	16.0	21.7	36.3
7.5°	7.1	7.1	7.1	7.4	8.9	8.9	10.5	12.3	16.5	23.4	42.8
5°	7.1	7.1	7.1	7.3	8.9	8.9	10.6	12.4	16.9	25.2	49.5
2.5°	7.1	7.1	7.1	7.2	8.9	8.9	10.6	12.4	17.4	26.8	56.0
0°	7.1	7.1	7.1	7.1	8.9	8.9	10.6	12.4	17.7	28.4	62.1
-2.5°	7.1	7.1	7.1	7.2	8.9	9.3	11.3	14.1	22.5	38.9	80.3
-5°	7.1	7.1	7.1	7.3	8.9	9.7	12.0	15.7	27.0	48.9	97.3
-7.5°	7.1	7.1	7.1	7.4	8.9	10.0	12.6	17.2	31.2	58.1	112.8
-10°	7.1	7.1	7.1	7.5	8.8	10.3	13.2	18.5	34.8	66.2	126.3
-12.5°	7.1	7.1	7.1	7.6	8.8	10.6	13.8	19.7	37.8	73.0	135.6
-15°	7.1	7.1	7.1	7.7	8.8	10.8	14.2	20.7	40.7	78.8	142.0
-17.5°	7.1	7.1	7.1	7.8	8.8	10.9	14.6	22.2	43.5	83.1	146.3
-20°	7.1	7.1	7.1	7.9	8.8	11.0	15.0	23.7	45.4	85.8	148.2



REPORT NUMBER: P1306150 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-40-70-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.1	7.1	7.1	7.9	8.8	11.0	15.6	24.9	46.1	86.6	147.8
-25°	7.1	7.1	7.1	7.9	8.8	10.9	15.9	25.5	45.6	85.4	144.8
-27.5°	7.1	7.1	7.1	7.9	8.8	10.8	15.9	25.5	43.8	83.2	143.1
-30°	7.1	7.1	7.1	7.9	8.9	10.6	15.6	25.0	42.8	81.2	138.9
-32.5°	7.1	7.1	7.1	7.9	9.0	10.4	15.0	24.5	42.2	77.3	131.9
-35°	7.1	7.1	7.1	7.8	9.1	10.1	14.6	23.9	40.7	71.5	122.1
-37.5°	7.1	7.1	7.1	7.7	9.1	9.8	14.1	22.7	38.3	63.8	107.8
-40°	7.1	7.1	7.1	7.6	9.2	9.9	13.6	21.1	35.1	58.6	94.4
-42.5°	7.1	7.1	7.1	7.5	9.1	9.9	12.9	19.1	32.2	52.7	80.3
-45°	7.1	7.1	7.1	7.4	8.9	9.9	12.1	17.2	29.2	46.0	66.6
-47.5°	7.1	7.1	7.1	7.2	8.8	9.9	11.2	16.1	25.6	38.8	58.6
-50°	7.1	7.1	7.1	7.2	8.6	9.9	11.0	14.9	21.1	33.7	50.0
-52.5°	7.1	7.1	7.1	7.3	8.4	9.8	10.9	13.5	18.5	28.2	41.2
-55°	7.1	7.1	7.1	7.3	8.2	9.5	10.7	12.2	16.6	22.3	34.4
-57.5°	7.1	7.1	7.1	7.3	8.0	9.3	10.5	11.9	14.5	19.0	27.1
-60°	7.1	7.1	7.1	7.4	7.8	9.0	10.2	11.5	12.7	16.5	21.0
-62.5°	7.1	7.1	7.1	7.4	7.8	8.7	9.9	11.1	12.3	13.9	18.0
-65°	7.1	7.1	7.1	7.4	7.8	8.4	9.5	10.6	11.8	12.9	14.8
-67.5°	7.1	7.1	7.1	7.4	7.9	8.3	9.2	10.2	11.3	12.3	13.4
-70°	7.1	7.1	7.1	7.5	7.9	8.3	8.8	9.8	10.8	11.7	12.7
-72.5°	7.1	7.1	7.1	7.4	7.9	8.3	8.8	9.3	10.2	11.2	12.1
-75°	7.1	7.1	7.1	7.4	7.9	8.4	8.8	9.2	9.7	10.5	11.4
-77.5°	7.1	7.1	7.1	7.4	7.8	8.4	8.8	9.1	9.4	10.0	10.7
-80°	7.1	7.1	7.1	7.3	7.7	8.2	8.9	9.0	9.2	9.5	10.0
-82.5°	7.1	7.1	7.1	7.3	7.6	8.0	8.5	8.7	8.9	9.1	9.3
-85°	7.1	7.1	7.1	7.2	7.4	7.7	8.0	8.2	8.3	8.5	8.6
-87.5°	7.1	7.1	7.1	7.2	7.3	7.4	7.6	7.6	7.7	7.8	7.9
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1



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 CATALOG NUMBER: EPH-08-530N-40-70-5S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
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°	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.3	4.9	4.4	4.0
85°	7.1	7.1	7.1	7.1	6.7	6.2	5.8	5.3	5.1	4.9	4.7
82.5°	7.1	7.1	7.1	7.1	6.7	6.2	5.8	5.3	5.3	5.3	5.3
80°	7.1	7.1	7.1	7.1	6.7	6.3	5.8	5.4	5.3	5.4	5.4
77.5°	7.1	7.1	7.1	7.1	6.8	6.5	6.3	6.3	6.3	6.1	5.8
75°	7.1	7.1	7.2	7.2	7.0	7.0	7.1	7.1	6.8	6.4	5.9
72.5°	7.4	7.6	7.6	7.3	7.1	7.1	7.1	7.1	7.3	7.4	7.3
70°	8.1	8.2	7.8	7.4	7.1	7.3	8.1	9.0	9.8	9.7	9.6
67.5°	8.8	8.3	7.9	7.6	7.8	8.7	9.8	11.2	12.5	12.6	13.0
65°	8.9	8.4	8.2	8.4	8.8	10.4	12.0	13.5	17.3	19.6	20.8
62.5°	8.9	8.6	8.7	9.3	10.7	12.4	14.8	19.0	25.0	28.2	27.2
60°	8.9	8.8	9.5	10.8	12.3	14.0	17.9	23.8	31.6	37.2	33.9
57.5°	8.9	9.3	10.5	11.9	13.2	14.7	19.9	27.3	36.4	46.3	40.2
55°	9.1	10.1	11.4	12.7	14.0	15.3	20.8	29.1	39.4	45.4	39.5
52.5°	9.8	10.8	12.1	13.4	14.8	16.2	20.2	28.3	34.4	39.0	36.1
50°	10.4	11.5	12.7	14.2	15.7	17.2	17.9	24.5	29.4	31.5	31.3
47.5°	11.1	12.2	13.4	15.0	16.9	18.2	18.1	21.5	25.1	27.4	25.5
45°	11.7	12.9	14.1	16.3	18.4	19.6	20.6	19.9	25.6	27.2	26.1
42.5°	12.3	13.6	15.7	17.7	20.4	23.3	24.9	27.0	29.9	32.6	31.9
40°	12.9	14.3	17.8	22.0	23.9	29.3	34.6	37.9	39.0	41.5	41.5
37.5°	13.5	16.5	21.9	30.8	30.8	38.9	46.4	54.0	56.2	52.1	59.0
35°	14.0	19.0	33.2	43.8	45.5	51.6	64.1	75.6	82.5	78.5	84.9
32.5°	15.6	21.7	47.9	58.9	69.9	75.5	84.4	109.2	133.0	140.2	127.6
30°	18.4	35.1	64.6	75.6	101.5	118.6	124.0	157.3	207.1	250.6	336.5
27.5°	21.9	51.6	80.2	103.7	141.0	171.8	185.2	239.7	324.8	439.7	686.8
25°	25.6	68.8	96.8	139.3	192.7	228.5	250.4	327.3	470.1	836.8	1298.6
22.5°	34.7	86.4	117.7	179.1	251.1	282.1	328.4	433.2	673.0	1282.4	2048.5
20°	48.7	103.1	147.5	218.3	313.6	333.3	400.4	534.8	950.6	1873.9	2794.2
17.5°	62.6	121.8	180.2	264.7	361.6	401.4	470.1	627.4	1183.5	2614.9	3762.2
15°	76.0	142.1	211.0	311.7	417.9	496.2	601.6	835.7	1628.6	3492.4	5043.7
12.5°	88.7	163.5	239.8	358.5	482.9	596.8	752.4	1175.4	2422.7	4517.5	6833.0
10°	100.6	185.3	266.6	404.1	554.1	701.0	908.5	1546.9	3225.1	5409.6	8249.7
7.5°	128.1	218.5	296.5	447.8	628.7	806.5	1066.1	1933.6	3949.4	6164.5	9433.5
5°	158.6	263.3	353.7	516.2	707.2	905.7	1210.6	2316.5	4584.4	6786.4	10499.8
2.5°	188.5	306.7	409.4	584.3	782.5	992.1	1300.0	2650.4	5082.6	7312.5	11419.9
0°	216.3	347.6	462.8	647.2	851.2	1071.1	1376.1	2941.8	5461.7	7738.5	12145.1
-2.5°	250.4	391.4	522.0	707.1	874.3	1073.4	1377.3	2834.2	5544.2	8141.0	11873.0
-5°	279.8	431.3	576.9	761.6	894.9	1070.1	1366.2	2669.8	5498.6	8356.6	11653.7
-7.5°	303.5	466.9	626.5	805.0	913.8	1081.1	1392.8	2706.1	5422.9	8356.6	11516.2
-10°	317.3	477.0	626.8	802.6	926.1	1095.1	1411.0	2642.1	5191.8	8183.5	11236.6
-12.5°	305.0	464.5	613.9	792.1	933.8	1097.9	1405.1	2461.2	4802.2	7830.8	10887.6
-15°	290.5	449.4	595.5	772.8	936.6	1088.4	1372.4	2151.2	4163.7	7071.0	10466.7
-17.5°	274.3	432.1	571.5	744.0	934.3	1065.4	1292.6	1660.7	3337.3	6009.5	9500.8
-20°	257.1	413.0	541.6	705.1	921.5	1012.6	1171.3	1473.3	2633.0	4819.5	7982.1



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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°	239.4	392.3	510.5	666.7	847.0	948.9	1057.9	1275.4	1861.6	3481.8	6018.6
-25°	229.4	366.2	483.4	616.1	770.6	889.5	943.9	1080.8	1374.3	2556.0	4394.0
-27.5°	224.7	341.3	450.0	564.0	700.9	827.2	867.1	955.7	1175.0	1648.8	2968.3
-30°	216.9	307.5	413.3	514.2	639.9	752.5	810.9	867.0	1007.0	1263.2	1994.0
-32.5°	199.7	273.2	373.7	471.2	579.7	688.9	776.9	830.6	918.7	1052.5	1294.9
-35°	178.5	247.9	333.4	424.8	520.4	629.9	729.1	807.9	850.6	942.8	1105.0
-37.5°	159.2	220.4	293.0	377.8	466.9	568.5	677.5	763.5	826.2	870.3	986.6
-40°	138.8	190.9	258.6	333.8	414.1	506.9	607.2	707.1	786.5	852.5	904.2
-42.5°	118.0	167.1	224.3	290.6	366.5	447.8	534.1	632.0	730.6	816.4	881.6
-45°	101.8	142.4	189.6	253.0	319.9	390.9	469.0	550.2	655.9	753.2	834.3
-47.5°	84.9	118.7	162.0	214.7	276.0	339.2	405.1	486.3	574.1	670.2	762.8
-50°	69.5	99.7	134.3	181.9	234.5	290.2	348.8	423.0	504.0	585.9	670.7
-52.5°	59.3	80.2	112.2	149.5	195.9	245.8	299.8	363.1	434.9	509.7	584.9
-55°	48.6	66.8	90.5	122.0	158.3	203.0	253.8	308.8	365.2	433.4	500.8
-57.5°	39.3	54.6	73.4	96.8	126.9	160.3	207.4	256.4	308.1	360.9	417.0
-60°	30.5	43.2	59.2	77.3	98.0	127.6	161.2	203.5	249.5	295.8	343.1
-62.5°	22.4	32.7	45.6	60.7	77.8	96.4	123.5	155.4	189.8	228.4	268.0
-65°	18.8	23.3	32.6	45.1	58.9	75.1	92.7	111.7	139.6	167.2	194.6
-67.5°	15.0	18.9	23.3	29.4	41.1	54.0	67.5	83.5	100.4	115.8	133.7
-70°	13.7	14.7	17.8	21.9	26.5	33.4	44.8	56.8	68.8	80.5	93.5
-72.5°	12.8	13.5	14.5	15.7	19.1	23.2	27.9	33.0	40.8	50.0	59.1
-75°	11.9	12.4	13.0	13.8	14.8	16.0	17.6	21.3	25.4	29.3	33.2
-77.5°	11.1	11.5	11.8	12.1	12.5	13.3	14.1	15.1	16.4	18.0	19.8
-80°	10.3	10.6	10.9	11.1	11.2	11.3	11.5	11.8	12.2	12.8	13.7
-82.5°	9.5	9.7	9.9	10.1	9.9	9.7	9.4	9.4	9.6	9.9	10.2
-85°	8.8	8.9	9.0	9.1	8.8	8.5	8.2	7.9	8.0	8.1	8.2
-87.5°	7.9	8.0	8.1	8.1	7.8	7.4	7.0	6.6	6.6	6.7	6.7
-90°	6.7	6.2	5.8	5.3	5.3	5.3	5.3	5.3	4.9	4.4	4.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	5.3	5.3	5.3	5.3	5.3	5.8	6.2	6.6	7.1	8.0	8.8
87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.1	2.7
85°	4.7	4.4	4.2	3.9	3.5	3.5	3.5	3.5	3.5	3.1	2.7
82.5°	5.3	4.9	4.4	4.0	3.5	3.5	3.5	3.5	3.5	3.1	2.7
80°	5.3	5.1	4.9	4.7	4.6	4.5	4.2	3.9	3.5	3.1	2.7
77.5°	5.4	5.3	5.3	5.3	5.3	4.9	4.5	4.0	3.6	3.1	2.7
75°	5.5	5.4	5.5	5.5	5.4	5.1	5.0	4.9	4.9	4.7	4.3
72.5°	7.0	6.7	6.5	6.4	6.1	6.0	5.9	5.7	5.4	5.2	5.2
70°	9.5	9.3	9.1	8.8	8.5	8.1	7.8	7.4	6.9	6.7	6.9
67.5°	13.9	14.2	14.0	13.4	12.0	10.8	10.2	9.5	8.7	8.7	9.3
65°	20.4	17.8	16.2	14.8	13.6	12.6	11.9	11.2	10.5	10.7	12.2
62.5°	24.3	19.0	16.2	15.2	14.6	14.0	13.0	12.3	11.9	12.3	13.5
60°	28.3	20.5	15.3	14.3	13.4	12.5	12.4	12.4	12.4	12.6	13.2
57.5°	30.3	21.0	14.1	13.6	13.1	12.6	12.6	12.7	12.6	12.4	13.0
55°	29.6	21.1	14.6	13.8	13.7	13.9	13.9	13.2	12.7	12.4	12.9
52.5°	27.0	20.3	15.6	14.3	14.3	13.6	12.5	13.1	13.9	14.5	15.2
50°	24.0	19.1	16.7	15.6	15.6	15.7	15.7	16.6	17.5	18.0	18.7
47.5°	22.0	19.2	19.1	18.7	19.2	20.2	20.7	21.7	24.3	25.7	26.3
45°	22.3	23.6	24.6	25.4	25.4	30.4	34.0	35.9	38.2	40.5	42.3
42.5°	30.1	33.5	36.6	41.2	44.0	52.3	56.7	51.2	62.6	72.4	74.7
40°	46.0	51.0	61.9	74.0	88.6	94.9	124.4	125.7	138.6	170.6	181.0
37.5°	70.0	84.1	122.1	154.2	205.1	235.4	272.9	309.0	337.9	367.6	387.9
35°	109.0	181.6	238.7	338.8	407.3	441.9	486.5	539.7	562.3	655.8	727.3
32.5°	233.1	363.2	518.4	598.4	688.2	756.9	747.2	968.7	1054.1	1194.6	1308.9
30°	430.7	741.7	1158.2	1158.2	1142.1	1520.8	1659.5	1945.5	2238.7	2434.1	2901.2
27.5°	995.6	1655.5	2315.2	2328.6	2614.4	3405.2	3855.6	3990.9	5263.4	6080.6	7195.2
25°	1834.5	2920.7	3830.8	4254.3	5103.2	6391.7	7154.5	8064.0	9963.1	12127.2	13493.4
22.5°	2732.2	3889.8	5257.4	6221.8	7848.7	9506.3	10893.4	12900.4	15452.9	17867.7	19501.4
20°	3407.9	4767.8	6699.5	8725.2	10786.4	12864.3	15019.0	17776.7	21232.0	24172.5	26830.1
17.5°	4785.7	6223.6	8837.8	11593.2	14390.7	16610.6	20013.4	23320.8	27530.5	31797.3	35102.2
15°	6824.5	9142.2	11757.7	15331.9	19266.5	22663.6	26271.5	32075.8	37197.0	42681.0	47580.9
12.5°	9440.7	12512.5	15978.5	20089.0	25245.9	30577.0	36079.6	42206.1	48904.3	55491.6	62484.3
10°	11883.5	16105.3	20580.2	25638.0	31539.3	38271.7	44995.0	51936.7	61244.5	69680.5	77158.1
7.5°	13570.0	18542.3	24034.7	30216.7	37500.7	44661.2	52255.9	61694.3	72568.2	82134.1	89797.2
5°	15084.6	20719.0	26203.1	32452.6	40921.2	49105.7	58079.3	69567.1	81945.6	92435.8	100072.8
2.5°	16403.1	22466.5	27792.3	34088.2	43386.1	51901.7	61700.6	75391.5	89812.0	100319.5	108377.6
0°	17487.9	23405.3	28691.4	35176.2	45007.2	53777.8	63830.4	79055.6	95655.2	106269.9	114015.5
-2.5°	16437.7	21805.8	27023.7	33591.9	43498.9	52481.2	63346.3	78833.0	95123.6	106572.2	114569.8
-5°	15644.5	20546.6	25500.0	31999.3	40713.0	49041.8	59237.4	75164.3	92310.7	103878.6	111970.9
-7.5°	15029.8	19307.9	23811.5	29796.2	37767.3	46599.6	57531.2	72898.2	89100.4	100799.9	108132.3
-10°	14359.6	18034.9	22943.0	28975.1	36726.5	45146.7	54858.1	69073.3	85443.8	96700.6	105288.6
-12.5°	14155.5	18036.2	22980.0	28217.4	35347.4	43433.5	52692.4	64800.7	77348.5	89152.4	96683.8
-15°	13826.2	17764.4	22602.7	27528.7	33992.7	41780.4	49509.6	58457.8	68945.5	77474.7	85342.2
-17.5°	13180.7	16965.1	20601.2	25204.2	31495.4	38715.1	44571.6	51608.8	59175.4	65679.3	71613.7
-20°	11635.5	14209.1	17655.4	21996.1	27387.4	33233.5	38565.8	43643.0	48505.7	53460.5	56892.9



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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°	8903.4	11374.8	14264.2	17869.8	22143.8	27238.5	31950.8	35389.5	39257.5	42825.3	45758.6
-25°	6511.0	8321.7	11018.6	14095.2	16884.3	20965.0	24581.3	26903.6	30298.9	32966.0	35505.1
-27.5°	4708.4	6481.8	8681.0	11112.0	13203.2	15395.5	18587.8	20805.4	23475.8	25520.9	27638.8
-30°	3213.7	5166.5	7193.3	9181.8	10772.8	12429.0	14198.1	16385.6	18529.3	20247.5	21777.5
-32.5°	2229.0	3644.0	5624.8	7477.5	8915.3	10178.1	11340.6	13002.4	14606.6	16005.1	17151.9
-35°	1365.6	2369.2	3740.9	5505.2	7025.2	8238.7	9310.8	10369.3	11395.6	12447.9	13334.4
-37.5°	1155.4	1394.9	2249.7	3464.5	4912.5	6263.0	7313.1	8187.1	8961.8	9762.6	10393.0
-40°	1021.0	1164.3	1378.9	1823.3	2936.9	4059.7	5191.9	6132.5	6984.5	7694.6	8246.6
-42.5°	932.4	1028.3	1132.7	1307.0	1513.5	2063.8	3037.6	3986.9	4911.0	5686.0	6335.6
-45°	904.9	953.0	1009.5	1102.8	1188.3	1355.7	1536.5	1723.8	2458.5	3238.0	3924.9
-47.5°	842.3	919.4	970.7	1010.8	1058.4	1134.1	1203.5	1292.0	1460.8	1628.2	1764.9
-50°	759.4	843.6	914.4	983.1	1031.6	1064.7	1089.9	1135.7	1203.0	1268.4	1321.2
-52.5°	658.9	740.6	822.9	906.3	975.2	1039.0	1098.9	1140.3	1171.7	1198.4	1212.2
-55°	567.4	635.8	704.6	788.6	871.8	951.7	1028.4	1093.9	1154.9	1211.8	1244.1
-57.5°	478.2	537.0	598.4	673.4	747.4	820.0	894.4	969.9	1043.7	1112.6	1152.6
-60°	393.0	445.3	500.8	561.4	625.6	692.7	756.8	820.7	884.2	940.4	973.4
-62.5°	309.7	353.7	398.8	446.7	497.3	550.2	603.3	657.2	710.8	755.9	783.8
-65°	225.0	260.8	295.3	330.3	365.8	405.8	448.0	489.0	528.6	559.6	579.9
-67.5°	157.3	180.5	201.6	222.3	247.4	275.9	306.1	335.6	364.0	385.4	399.7
-70°	106.8	119.7	131.3	144.8	161.3	178.2	196.0	213.1	229.4	241.8	251.3
-72.5°	68.2	76.8	85.0	94.3	103.1	112.9	123.1	132.8	141.9	148.3	153.3
-75°	36.8	41.4	48.2	54.5	60.5	67.5	74.8	81.6	88.0	91.4	93.6
-77.5°	22.6	25.6	28.5	31.3	34.0	37.8	42.1	46.3	50.6	52.5	54.0
-80°	14.8	16.2	17.7	19.2	20.7	23.0	25.4	27.7	30.0	30.8	31.2
-82.5°	10.5	11.0	11.5	12.1	12.7	14.1	15.6	17.2	18.7	19.8	20.9
-85°	8.2	8.3	8.4	8.5	8.6	9.3	10.2	11.1	12.0	12.6	13.1
-87.5°	6.8	6.8	6.9	6.9	6.9	7.0	7.0	7.1	7.1	7.6	8.0
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.1	2.7



REPORT NUMBER: P1306150 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	9.7	10.6	9.8	8.9	9.8	10.6	9.7	8.8	8.0	7.1	6.6
87.5°	2.2	1.8	0.9	0.0	0.9	1.8	2.2	2.7	3.1	3.5	3.5
85°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.5
82.5°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.5
80°	2.2	1.8	1.8	1.8	1.8	1.8	2.2	2.7	3.1	3.5	3.9
77.5°	2.3	1.8	2.6	3.5	2.6	1.8	2.3	2.7	3.1	3.6	4.0
75°	3.9	3.5	3.5	3.5	3.5	3.5	3.9	4.3	4.7	4.9	4.9
72.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.2	5.4	5.7
70°	7.0	7.0	7.1	7.1	7.1	7.0	7.0	6.9	6.7	6.9	7.4
67.5°	9.8	10.4	10.6	10.6	10.6	10.4	9.8	9.3	8.7	8.7	9.5
65°	13.9	15.5	15.1	14.2	15.1	15.5	13.9	12.2	10.7	10.5	11.2
62.5°	14.7	15.8	16.0	16.0	16.0	15.8	14.7	13.5	12.3	11.9	12.3
60°	13.7	14.1	14.2	14.2	14.2	14.1	13.7	13.2	12.6	12.4	12.4
57.5°	13.5	14.0	14.2	14.2	14.2	14.0	13.5	13.0	12.4	12.6	12.7
55°	13.5	14.0	14.2	14.2	14.2	14.0	13.5	12.9	12.4	12.7	13.2
52.5°	15.6	15.9	16.0	16.0	16.0	15.9	15.6	15.2	14.5	13.9	13.1
50°	19.7	20.7	20.0	17.7	20.0	20.7	19.7	18.7	18.0	17.5	16.6
47.5°	26.2	25.4	24.7	24.8	24.7	25.4	26.2	26.3	25.7	24.3	21.7
45°	42.9	42.5	42.2	42.6	42.2	42.5	42.9	42.3	40.5	38.2	35.9
42.5°	77.3	77.5	76.3	74.5	76.3	77.5	77.3	74.7	72.4	62.6	51.2
40°	180.5	165.4	144.9	133.0	144.9	165.4	180.5	181.0	170.6	138.6	125.7
37.5°	406.5	418.3	419.4	411.4	419.4	418.3	406.5	387.9	367.6	337.9	309.0
35°	772.4	800.1	801.6	787.3	801.6	800.1	772.4	727.3	655.8	562.3	539.7
32.5°	1307.1	1369.3	1392.6	1386.7	1392.6	1369.3	1307.1	1308.9	1194.6	1054.1	968.7
30°	2684.0	2702.6	2511.6	2161.6	2511.6	2702.6	2684.0	2901.2	2434.1	2238.7	1945.5
27.5°	7799.9	8519.8	8781.0	8665.9	8781.0	8519.8	7799.9	7195.2	6080.6	5263.4	3990.9
25°	13885.7	14360.0	14833.4	14888.3	14833.4	14360.0	13885.7	13493.4	12127.2	9963.1	8064.0
22.5°	20633.0	21307.0	21946.9	21800.5	21946.9	21307.0	20633.0	19501.4	17867.7	15452.9	12900.4
20°	28518.1	28982.9	29455.1	28932.6	29455.1	28982.9	28518.1	26830.1	24172.5	21232.0	17776.7
17.5°	38564.0	40752.9	42696.0	41817.1	42696.0	40752.9	38564.0	35102.2	31797.3	27530.5	23320.8
15°	52194.5	56004.2	58238.7	58120.5	58238.7	56004.2	52194.5	47580.9	42681.0	37197.0	32075.8
12.5°	67901.6	71882.9	74163.3	73691.5	74163.3	71882.9	67901.6	62484.3	55491.6	48904.3	42206.1
10°	82072.9	85199.3	87908.6	88970.0	87908.6	85199.3	82072.9	77158.1	69680.5	61244.5	51936.7
7.5°	94589.7	96919.1	99179.0	99583.0	99179.0	96919.1	94589.7	89797.2	82134.1	72568.2	61694.3
5°	104893.6	108193.7	109471.3	109977.8	109471.3	108193.7	104893.6	100072.8	92435.8	81945.6	69567.1
2.5°	113209.5	116228.3	117826.3	117354.6	117826.3	116228.3	113209.5	108377.6	100319.5	89812.0	75391.5
0°	117986.8	120376.2	121681.4	121369.3	121681.4	120376.2	117986.8	114015.5	106269.9	95655.2	79055.6
-2.5°	118457.6	120064.4	121085.2	120684.8	121085.2	120064.4	118457.6	114569.8	106572.2	95123.6	78833.0
-5°	115199.8	116507.4	117043.7	117273.0	117043.7	116507.4	115199.8	111970.9	103878.6	92310.7	75164.3
-7.5°	110711.1	112467.5	112200.4	112662.5	112200.4	112467.5	110711.1	108132.3	100799.9	89100.4	72898.2
-10°	108037.7	109658.7	109423.9	109548.7	109423.9	109658.7	108037.7	105288.6	96700.6	85443.8	69073.3
-12.5°	101551.0	103904.5	104265.8	104671.3	104265.8	103904.5	101551.0	96683.8	89152.4	77348.5	64800.7
-15°	90506.2	93092.3	94656.0	95007.9	94656.0	93092.3	90506.2	85342.2	77474.7	68945.5	58457.8
-17.5°	76547.5	80124.0	82638.4	83222.8	82638.4	80124.0	76547.5	71613.7	65679.3	59175.4	51608.8
-20°	61084.7	63644.8	64947.6	65649.8	64947.6	63644.8	61084.7	56892.9	53460.5	48505.7	43643.0



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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°	48079.1	49769.9	50495.8	50614.3	50495.8	49769.9	48079.1	45758.6	42825.3	39257.5	35389.5
-25°	37561.3	38713.8	39207.7	39937.4	39207.7	38713.8	37561.3	35505.1	32966.0	30298.9	26903.6
-27.5°	29148.9	30162.2	30614.0	31285.7	30614.0	30162.2	29148.9	27638.8	25520.9	23475.8	20805.4
-30°	22809.5	23420.0	23572.4	23605.7	23572.4	23420.0	22809.5	21777.5	20247.5	18529.3	16385.6
-32.5°	18042.4	18729.8	19140.3	19323.3	19140.3	18729.8	18042.4	17151.9	16005.1	14606.6	13002.4
-35°	13998.3	14451.4	14721.2	15024.9	14721.2	14451.4	13998.3	13334.4	12447.9	11395.6	10369.3
-37.5°	10883.2	11219.3	11405.2	11467.7	11405.2	11219.3	10883.2	10393.0	9762.6	8961.8	8187.1
-40°	8687.0	9020.6	9220.9	9251.1	9220.9	9020.6	8687.0	8246.6	7694.6	6984.5	6132.5
-42.5°	6829.1	7244.8	7513.7	7575.4	7513.7	7244.8	6829.1	6335.6	5686.0	4911.0	3986.9
-45°	4427.3	4814.3	5019.0	5005.9	5019.0	4814.3	4427.3	3924.9	3238.0	2458.5	1723.8
-47.5°	1852.3	1914.6	1941.5	1932.9	1941.5	1914.6	1852.3	1764.9	1628.2	1460.8	1292.0
-50°	1362.9	1398.3	1417.7	1422.2	1417.7	1398.3	1362.9	1321.2	1268.4	1203.0	1135.7
-52.5°	1223.9	1236.9	1241.4	1241.3	1241.4	1236.9	1223.9	1212.2	1198.4	1171.7	1140.3
-55°	1274.2	1302.7	1313.9	1314.0	1313.9	1302.7	1274.2	1244.1	1211.8	1154.9	1093.9
-57.5°	1188.8	1220.9	1235.7	1239.5	1235.7	1220.9	1188.8	1152.6	1112.6	1043.7	969.9
-60°	1003.1	1028.8	1040.1	1042.7	1040.1	1028.8	1003.1	973.4	940.4	884.2	820.7
-62.5°	807.7	827.2	833.2	831.7	833.2	827.2	807.7	783.8	755.9	710.8	657.2
-65°	596.9	610.3	611.4	606.5	611.4	610.3	596.9	579.9	559.6	528.6	489.0
-67.5°	411.2	419.7	420.1	416.7	420.1	419.7	411.2	399.7	385.4	364.0	335.6
-70°	259.4	265.8	266.2	264.2	266.2	265.8	259.4	251.3	241.8	229.4	213.1
-72.5°	157.6	161.2	164.3	166.7	164.3	161.2	157.6	153.3	148.3	141.9	132.8
-75°	95.3	96.5	96.5	95.8	96.5	96.5	95.3	93.6	91.4	88.0	81.6
-77.5°	55.2	56.2	58.3	60.3	58.3	56.2	55.2	54.0	52.5	50.6	46.3
-80°	31.6	31.8	32.7	33.7	32.7	31.8	31.6	31.2	30.8	30.0	27.7
-82.5°	22.0	23.0	23.1	23.1	23.1	23.0	22.0	20.9	19.8	18.7	17.2
-85°	13.7	14.2	15.1	16.0	15.1	14.2	13.7	13.1	12.6	12.0	11.1
-87.5°	8.5	8.9	8.9	8.9	8.9	8.9	8.5	8.0	7.6	7.1	7.1
-90°	2.2	1.8	0.9	0.0	0.9	1.8	2.2	2.7	3.1	3.5	3.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	6.2	5.8	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.0	4.4	4.9	5.3
85°	3.5	3.5	3.5	3.9	4.2	4.4	4.7	4.7	4.9	5.1	5.3
82.5°	3.5	3.5	3.5	4.0	4.4	4.9	5.3	5.3	5.3	5.3	5.3
80°	4.2	4.5	4.6	4.7	4.9	5.1	5.3	5.4	5.4	5.3	5.4
77.5°	4.5	4.9	5.3	5.3	5.3	5.3	5.4	5.8	6.1	6.3	6.3
75°	5.0	5.1	5.4	5.5	5.5	5.4	5.5	5.9	6.4	6.8	7.1
72.5°	5.9	6.0	6.1	6.4	6.5	6.7	7.0	7.3	7.4	7.3	7.1
70°	7.8	8.1	8.5	8.8	9.1	9.3	9.5	9.6	9.7	9.8	9.0
67.5°	10.2	10.8	12.0	13.4	14.0	14.2	13.9	13.0	12.6	12.5	11.2
65°	11.9	12.6	13.6	14.8	16.2	17.8	20.4	20.8	19.6	17.3	13.5
62.5°	13.0	14.0	14.6	15.2	16.2	19.0	24.3	27.2	28.2	25.0	19.0
60°	12.4	12.5	13.4	14.3	15.3	20.5	28.3	33.9	37.2	31.6	23.8
57.5°	12.6	12.6	13.1	13.6	14.1	21.0	30.3	40.2	46.3	36.4	27.3
55°	13.9	13.9	13.7	13.8	14.6	21.1	29.6	39.5	45.4	39.4	29.1
52.5°	12.5	13.6	14.3	14.3	15.6	20.3	27.0	36.1	39.0	34.4	28.3
50°	15.7	15.7	15.6	15.6	16.7	19.1	24.0	31.3	31.5	29.4	24.5
47.5°	20.7	20.2	19.2	18.7	19.1	19.2	22.0	25.5	27.4	25.1	21.5
45°	34.0	30.4	25.4	25.4	24.6	23.6	22.3	26.1	27.2	25.6	19.9
42.5°	56.7	52.3	44.0	41.2	36.6	33.5	30.1	31.9	32.6	29.9	27.0
40°	124.4	94.9	88.6	74.0	61.9	51.0	46.0	41.5	41.5	39.0	37.9
37.5°	272.9	235.4	205.1	154.2	122.1	84.1	70.0	59.0	52.1	56.2	54.0
35°	486.5	441.9	407.3	338.8	238.7	181.6	109.0	84.9	78.5	82.5	75.6
32.5°	747.2	756.9	688.2	598.4	518.4	363.2	233.1	127.6	140.2	133.0	109.2
30°	1659.5	1520.8	1142.1	1158.2	1158.2	741.7	430.7	336.5	250.6	207.1	157.3
27.5°	3855.6	3405.2	2614.4	2328.6	2315.2	1655.5	995.6	686.8	439.7	324.8	239.7
25°	7154.5	6391.7	5103.2	4254.3	3830.8	2920.7	1834.5	1298.6	836.8	470.1	327.3
22.5°	10893.4	9506.3	7848.7	6221.8	5257.4	3889.8	2732.2	2048.5	1282.4	673.0	433.2
20°	15019.0	12864.3	10786.4	8725.2	6699.5	4767.8	3407.9	2794.2	1873.9	950.6	534.8
17.5°	20013.4	16610.6	14390.7	11593.2	8837.8	6223.6	4785.7	3762.2	2614.9	1183.5	627.4
15°	26271.5	22663.6	19266.5	15331.9	11757.7	9142.2	6824.5	5043.7	3492.4	1628.6	835.7
12.5°	36079.6	30577.0	25245.9	20089.0	15978.5	12512.5	9440.7	6833.0	4517.5	2422.7	1175.4
10°	44995.0	38271.7	31539.3	25638.0	20580.2	16105.3	11883.5	8249.7	5409.6	3225.1	1546.9
7.5°	52255.9	44661.2	37500.7	30216.7	24034.7	18542.3	13570.0	9433.5	6164.5	3949.4	1933.6
5°	58079.3	49105.7	40921.2	32452.6	26203.1	20719.0	15084.6	10499.8	6786.4	4584.4	2316.5
2.5°	61700.6	51901.7	43386.1	34088.2	27792.3	22466.5	16403.1	11419.9	7312.5	5082.6	2650.4
0°	63830.4	53777.8	45007.2	35176.2	28691.4	23405.3	17487.9	12145.1	7738.5	5461.7	2941.8
-2.5°	63346.3	52481.2	43498.9	33591.9	27023.7	21805.8	16437.7	11873.0	8141.0	5544.2	2834.2
-5°	59237.4	49041.8	40713.0	31999.3	25500.0	20546.6	15644.5	11653.7	8356.6	5498.6	2669.8
-7.5°	57531.2	46599.6	37767.3	29796.2	23811.5	19307.9	15029.8	11516.2	8356.6	5422.9	2706.1
-10°	54858.1	45146.7	36726.5	28975.1	22943.0	18034.9	14359.6	11236.6	8183.5	5191.8	2642.1
-12.5°	52692.4	43433.5	35347.4	28217.4	22980.0	18036.2	14155.5	10887.6	7830.8	4802.2	2461.2
-15°	49509.6	41780.4	33992.7	27528.7	22602.7	17764.4	13826.2	10466.7	7071.0	4163.7	2151.2
-17.5°	44571.6	38715.1	31495.4	25204.2	20601.2	16965.1	13180.7	9500.8	6009.5	3337.3	1660.7
-20°	38565.8	33233.5	27387.4	21996.1	17655.4	14209.1	11635.5	7982.1	4819.5	2633.0	1473.3



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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°	31950.8	27238.5	22143.8	17869.8	14264.2	11374.8	8903.4	6018.6	3481.8	1861.6	1275.4
-25°	24581.3	20965.0	16884.3	14095.2	11018.6	8321.7	6511.0	4394.0	2556.0	1374.3	1080.8
-27.5°	18587.8	15395.5	13203.2	11112.0	8681.0	6481.8	4708.4	2968.3	1648.8	1175.0	955.7
-30°	14198.1	12429.0	10772.8	9181.8	7193.3	5166.5	3213.7	1994.0	1263.2	1007.0	867.0
-32.5°	11340.6	10178.1	8915.3	7477.5	5624.8	3644.0	2229.0	1294.9	1052.5	918.7	830.6
-35°	9310.8	8238.7	7025.2	5505.2	3740.9	2369.2	1365.6	1105.0	942.8	850.6	807.9
-37.5°	7313.1	6263.0	4912.5	3464.5	2249.7	1394.9	1155.4	986.6	870.3	826.2	763.5
-40°	5191.9	4059.7	2936.9	1823.3	1378.9	1164.3	1021.0	904.2	852.5	786.5	707.1
-42.5°	3037.6	2063.8	1513.5	1307.0	1132.7	1028.3	932.4	881.6	816.4	730.6	632.0
-45°	1536.5	1355.7	1188.3	1102.8	1009.5	953.0	904.9	834.3	753.2	655.9	550.2
-47.5°	1203.5	1134.1	1058.4	1010.8	970.7	919.4	842.3	762.8	670.2	574.1	486.3
-50°	1089.9	1064.7	1031.6	983.1	914.4	843.6	759.4	670.7	585.9	504.0	423.0
-52.5°	1098.9	1039.0	975.2	906.3	822.9	740.6	658.9	584.9	509.7	434.9	363.1
-55°	1028.4	951.7	871.8	788.6	704.6	635.8	567.4	500.8	433.4	365.2	308.8
-57.5°	894.4	820.0	747.4	673.4	598.4	537.0	478.2	417.0	360.9	308.1	256.4
-60°	756.8	692.7	625.6	561.4	500.8	445.3	393.0	343.1	295.8	249.5	203.5
-62.5°	603.3	550.2	497.3	446.7	398.8	353.7	309.7	268.0	228.4	189.8	155.4
-65°	448.0	405.8	365.8	330.3	295.3	260.8	225.0	194.6	167.2	139.6	111.7
-67.5°	306.1	275.9	247.4	222.3	201.6	180.5	157.3	133.7	115.8	100.4	83.5
-70°	196.0	178.2	161.3	144.8	131.3	119.7	106.8	93.5	80.5	68.8	56.8
-72.5°	123.1	112.9	103.1	94.3	85.0	76.8	68.2	59.1	50.0	40.8	33.0
-75°	74.8	67.5	60.5	54.5	48.2	41.4	36.8	33.2	29.3	25.4	21.3
-77.5°	42.1	37.8	34.0	31.3	28.5	25.6	22.6	19.8	18.0	16.4	15.1
-80°	25.4	23.0	20.7	19.2	17.7	16.2	14.8	13.7	12.8	12.2	11.8
-82.5°	15.6	14.1	12.7	12.1	11.5	11.0	10.5	10.2	9.9	9.6	9.4
-85°	10.2	9.3	8.6	8.5	8.4	8.3	8.2	8.2	8.1	8.0	7.9
-87.5°	7.0	7.0	6.9	6.9	6.9	6.8	6.8	6.7	6.7	6.6	6.6
-90°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4.0	4.4	4.9	5.3



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	5.8	6.2	6.7	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	5.6	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.1	7.1	7.1
85°	5.8	6.2	6.7	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
82.5°	5.8	6.2	6.7	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
80°	5.8	6.3	6.7	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
77.5°	6.3	6.5	6.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
75°	7.1	7.0	7.0	7.2	7.2	7.1	7.1	7.2	7.3	7.1	7.1
72.5°	7.1	7.1	7.1	7.3	7.6	7.6	7.4	7.3	7.5	7.5	7.2
70°	8.1	7.3	7.1	7.4	7.8	8.2	8.1	7.8	7.8	7.9	7.7
67.5°	9.8	8.7	7.8	7.6	7.9	8.3	8.8	8.5	8.2	8.3	8.1
65°	12.0	10.4	8.8	8.4	8.2	8.4	8.9	8.9	8.6	8.5	8.6
62.5°	14.8	12.4	10.7	9.3	8.7	8.6	8.9	8.9	8.9	8.7	8.8
60°	17.9	14.0	12.3	10.8	9.5	8.8	8.9	8.9	8.9	8.9	8.9
57.5°	19.9	14.7	13.2	11.9	10.5	9.3	8.9	8.9	8.9	8.9	8.9
55°	20.8	15.3	14.0	12.7	11.4	10.1	9.1	8.9	8.9	8.9	8.9
52.5°	20.2	16.2	14.8	13.4	12.1	10.8	9.8	8.9	8.9	8.9	8.9
50°	17.9	17.2	15.7	14.2	12.7	11.5	10.4	9.4	8.9	8.9	8.9
47.5°	18.1	18.2	16.9	15.0	13.4	12.2	11.1	10.0	8.9	8.9	8.9
45°	20.6	19.6	18.4	16.3	14.1	12.9	11.7	10.5	9.4	9.0	8.9
42.5°	24.9	23.3	20.4	17.7	15.7	13.6	12.3	11.1	9.8	9.1	9.0
40°	34.6	29.3	23.9	22.0	17.8	14.3	12.9	11.6	10.3	9.3	9.1
37.5°	46.4	38.9	30.8	30.8	21.9	16.5	13.5	12.1	10.9	9.8	9.3
35°	64.1	51.6	45.5	43.8	33.2	19.0	14.0	12.6	11.5	10.3	9.5
32.5°	84.4	75.5	69.9	58.9	47.9	21.7	15.6	13.5	12.2	10.8	9.7
30°	124.0	118.6	101.5	75.6	64.6	35.1	18.4	14.5	13.0	11.3	10.0
27.5°	185.2	171.8	141.0	103.7	80.2	51.6	21.9	15.7	13.7	11.8	10.4
25°	250.4	228.5	192.7	139.3	96.8	68.8	25.6	17.0	14.6	12.4	10.7
22.5°	328.4	282.1	251.1	179.1	117.7	86.4	34.7	20.0	15.7	13.0	11.1
20°	400.4	333.3	313.6	218.3	147.5	103.1	48.7	23.1	16.7	13.6	11.4
17.5°	470.1	401.4	361.6	264.7	180.2	121.8	62.6	26.2	17.8	14.3	11.7
15°	601.6	496.2	417.9	311.7	211.0	142.1	76.0	29.3	18.9	14.9	12.0
12.5°	752.4	596.8	482.9	358.5	239.8	163.5	88.7	32.2	20.0	15.4	12.1
10°	908.5	701.0	554.1	404.1	266.6	185.3	100.6	36.3	21.7	16.0	12.2
7.5°	1066.1	806.5	628.7	447.8	296.5	218.5	128.1	42.8	23.4	16.5	12.3
5°	1210.6	905.7	707.2	516.2	353.7	263.3	158.6	49.5	25.2	16.9	12.4
2.5°	1300.0	992.1	782.5	584.3	409.4	306.7	188.5	56.0	26.8	17.4	12.4
0°	1376.1	1071.1	851.2	647.2	462.8	347.6	216.3	62.1	28.4	17.7	12.4
-2.5°	1377.3	1073.4	874.3	707.1	522.0	391.4	250.4	80.3	38.9	22.5	14.1
-5°	1366.2	1070.1	894.9	761.6	576.9	431.3	279.8	97.3	48.9	27.0	15.7
-7.5°	1392.8	1081.1	913.8	805.0	626.5	466.9	303.5	112.8	58.1	31.2	17.2
-10°	1411.0	1095.1	926.1	802.6	626.8	477.0	317.3	126.3	66.2	34.8	18.5
-12.5°	1405.1	1097.9	933.8	792.1	613.9	464.5	305.0	135.6	73.0	37.8	19.7
-15°	1372.4	1088.4	936.6	772.8	595.5	449.4	290.5	142.0	78.8	40.7	20.7
-17.5°	1292.6	1065.4	934.3	744.0	571.5	432.1	274.3	146.3	83.1	43.5	22.2
-20°	1171.3	1012.6	921.5	705.1	541.6	413.0	257.1	148.2	85.8	45.4	23.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1057.9	948.9	847.0	666.7	510.5	392.3	239.4	147.8	86.6	46.1	24.9
-25°	943.9	889.5	770.6	616.1	483.4	366.2	229.4	144.8	85.4	45.6	25.5
-27.5°	867.1	827.2	700.9	564.0	450.0	341.3	224.7	143.1	83.2	43.8	25.5
-30°	810.9	752.5	639.9	514.2	413.3	307.5	216.9	138.9	81.2	42.8	25.0
-32.5°	776.9	688.9	579.7	471.2	373.7	273.2	199.7	131.9	77.3	42.2	24.5
-35°	729.1	629.9	520.4	424.8	333.4	247.9	178.5	122.1	71.5	40.7	23.9
-37.5°	677.5	568.5	466.9	377.8	293.0	220.4	159.2	107.8	63.8	38.3	22.7
-40°	607.2	506.9	414.1	333.8	258.6	190.9	138.8	94.4	58.6	35.1	21.1
-42.5°	534.1	447.8	366.5	290.6	224.3	167.1	118.0	80.3	52.7	32.2	19.1
-45°	469.0	390.9	319.9	253.0	189.6	142.4	101.8	66.6	46.0	29.2	17.2
-47.5°	405.1	339.2	276.0	214.7	162.0	118.7	84.9	58.6	38.8	25.6	16.1
-50°	348.8	290.2	234.5	181.9	134.3	99.7	69.5	50.0	33.7	21.1	14.9
-52.5°	299.8	245.8	195.9	149.5	112.2	80.2	59.3	41.2	28.2	18.5	13.5
-55°	253.8	203.0	158.3	122.0	90.5	66.8	48.6	34.4	22.3	16.6	12.2
-57.5°	207.4	160.3	126.9	96.8	73.4	54.6	39.3	27.1	19.0	14.5	11.9
-60°	161.2	127.6	98.0	77.3	59.2	43.2	30.5	21.0	16.5	12.7	11.5
-62.5°	123.5	96.4	77.8	60.7	45.6	32.7	22.4	18.0	13.9	12.3	11.1
-65°	92.7	75.1	58.9	45.1	32.6	23.3	18.8	14.8	12.9	11.8	10.6
-67.5°	67.5	54.0	41.1	29.4	23.3	18.9	15.0	13.4	12.3	11.3	10.2
-70°	44.8	33.4	26.5	21.9	17.8	14.7	13.7	12.7	11.7	10.8	9.8
-72.5°	27.9	23.2	19.1	15.7	14.5	13.5	12.8	12.1	11.2	10.2	9.3
-75°	17.6	16.0	14.8	13.8	13.0	12.4	11.9	11.4	10.5	9.7	9.2
-77.5°	14.1	13.3	12.5	12.1	11.8	11.5	11.1	10.7	10.0	9.4	9.1
-80°	11.5	11.3	11.2	11.1	10.9	10.6	10.3	10.0	9.5	9.2	9.0
-82.5°	9.4	9.7	9.9	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.7
-85°	8.2	8.5	8.8	9.1	9.0	8.9	8.8	8.6	8.5	8.3	8.2
-87.5°	7.0	7.4	7.8	8.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6
-90°	5.3	5.3	5.3	5.3	5.8	6.2	6.7	7.1	7.1	7.1	7.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
87.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
85°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
82.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
80°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
77.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
75°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
72.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1
70°	7.2	7.1	7.1	7.1	7.1	7.1	7.1
67.5°	7.6	7.1	7.1	7.1	7.1	7.1	7.1
65°	8.0	7.3	7.1	7.1	7.1	7.1	7.1
62.5°	8.4	7.6	7.1	7.1	7.1	7.1	7.1
60°	8.9	8.0	7.1	7.1	7.1	7.1	7.1
57.5°	8.9	8.3	7.4	7.1	7.1	7.1	7.1
55°	8.9	8.6	7.6	7.1	7.1	7.1	7.1
52.5°	8.9	8.9	7.9	7.1	7.1	7.1	7.1
50°	8.9	8.9	8.1	7.1	7.1	7.1	7.1
47.5°	8.9	8.9	8.4	7.1	7.1	7.1	7.1
45°	8.9	8.9	8.6	7.3	7.1	7.1	7.1
42.5°	8.9	8.9	8.8	7.5	7.1	7.1	7.1
40°	8.9	8.9	8.9	7.6	7.1	7.1	7.1
37.5°	8.9	8.9	8.9	7.7	7.1	7.1	7.1
35°	8.9	8.9	8.9	7.8	7.1	7.1	7.1
32.5°	9.0	8.9	8.9	7.9	7.1	7.1	7.1
30°	9.1	8.9	8.9	7.9	7.1	7.1	7.1
27.5°	9.3	8.9	8.8	7.9	7.1	7.1	7.1
25°	9.5	8.9	8.8	7.9	7.1	7.1	7.1
22.5°	9.7	8.9	8.8	7.9	7.1	7.1	7.1
20°	9.9	8.9	8.8	7.9	7.1	7.1	7.1
17.5°	10.1	8.9	8.8	7.8	7.1	7.1	7.1
15°	10.2	8.9	8.8	7.7	7.1	7.1	7.1
12.5°	10.4	8.9	8.8	7.6	7.1	7.1	7.1
10°	10.4	8.9	8.8	7.5	7.1	7.1	7.1
7.5°	10.5	8.9	8.9	7.4	7.1	7.1	7.1
5°	10.6	8.9	8.9	7.3	7.1	7.1	7.1
2.5°	10.6	8.9	8.9	7.2	7.1	7.1	7.1
0°	10.6	8.9	8.9	7.1	7.1	7.1	7.1
-2.5°	11.3	9.3	8.9	7.2	7.1	7.1	7.1
-5°	12.0	9.7	8.9	7.3	7.1	7.1	7.1
-7.5°	12.6	10.0	8.9	7.4	7.1	7.1	7.1
-10°	13.2	10.3	8.8	7.5	7.1	7.1	7.1
-12.5°	13.8	10.6	8.8	7.6	7.1	7.1	7.1
-15°	14.2	10.8	8.8	7.7	7.1	7.1	7.1
-17.5°	14.6	10.9	8.8	7.8	7.1	7.1	7.1
-20°	15.0	11.0	8.8	7.9	7.1	7.1	7.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.6	11.0	8.8	7.9	7.1	7.1	7.1
-25°	15.9	10.9	8.8	7.9	7.1	7.1	7.1
-27.5°	15.9	10.8	8.8	7.9	7.1	7.1	7.1
-30°	15.6	10.6	8.9	7.9	7.1	7.1	7.1
-32.5°	15.0	10.4	9.0	7.9	7.1	7.1	7.1
-35°	14.6	10.1	9.1	7.8	7.1	7.1	7.1
-37.5°	14.1	9.8	9.1	7.7	7.1	7.1	7.1
-40°	13.6	9.9	9.2	7.6	7.1	7.1	7.1
-42.5°	12.9	9.9	9.1	7.5	7.1	7.1	7.1
-45°	12.1	9.9	8.9	7.4	7.1	7.1	7.1
-47.5°	11.2	9.9	8.8	7.2	7.1	7.1	7.1
-50°	11.0	9.9	8.6	7.2	7.1	7.1	7.1
-52.5°	10.9	9.8	8.4	7.3	7.1	7.1	7.1
-55°	10.7	9.5	8.2	7.3	7.1	7.1	7.1
-57.5°	10.5	9.3	8.0	7.3	7.1	7.1	7.1
-60°	10.2	9.0	7.8	7.4	7.1	7.1	7.1
-62.5°	9.9	8.7	7.8	7.4	7.1	7.1	7.1
-65°	9.5	8.4	7.8	7.4	7.1	7.1	7.1
-67.5°	9.2	8.3	7.9	7.4	7.1	7.1	7.1
-70°	8.8	8.3	7.9	7.5	7.1	7.1	7.1
-72.5°	8.8	8.3	7.9	7.4	7.1	7.1	7.1
-75°	8.8	8.4	7.9	7.4	7.1	7.1	7.1
-77.5°	8.8	8.4	7.8	7.4	7.1	7.1	7.1
-80°	8.9	8.2	7.7	7.3	7.1	7.1	7.1
-82.5°	8.5	8.0	7.6	7.3	7.1	7.1	7.1
-85°	8.0	7.7	7.4	7.2	7.1	7.1	7.1
-87.5°	7.6	7.4	7.3	7.2	7.1	7.1	7.1
-90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1

(END OF REPORT)