

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: P1306293 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-5S-CV1-A**

Issue Date: 2/3/2026

Test Information

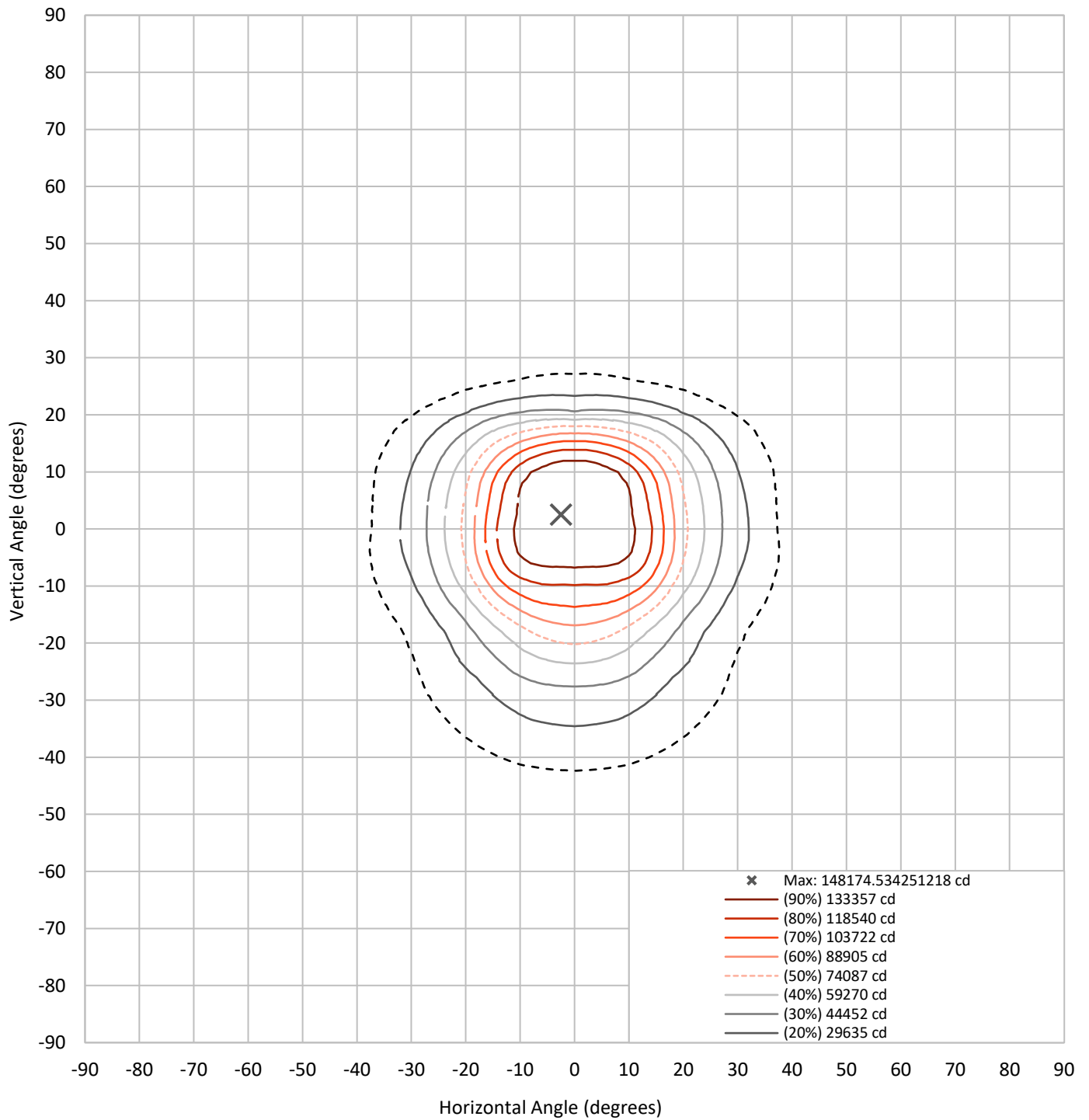
Test Method: LM-79-08
Report Number: P1306293 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-34)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-40-70-5S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 5S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 4V
Luminaire Lumens:	79108.1 lumens	Max Intensity:	148174.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 2.5°V
Efficacy:	115.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	41.4°H x 38°V	Field Angle (10%):	74.2°H x 69.6°V
Beam Lumens:	43589 lumens	Field Lumens:	73569 lumens
Beam Efficiency:	55.1%	Field Efficiency:	93.0%
Input Watts (W):	688		
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





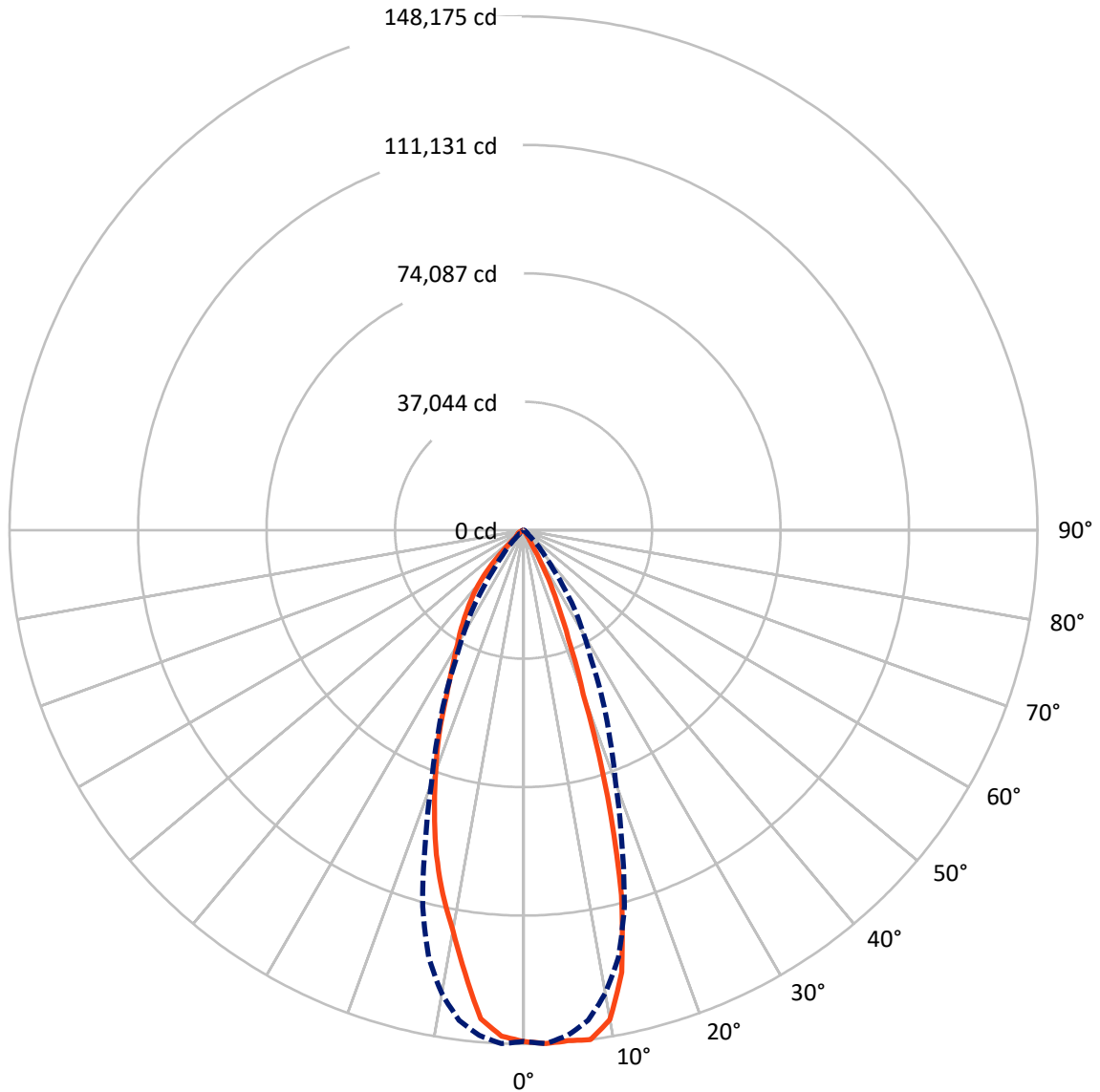
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Lumen Table

90																			
80	0.1	0.3		0.5	0.6		0.4		0.6		0.5	0.3		0.1					
70	0.1	0.1	0.1	0.4	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.4	0.1	0.1	0.1			
60		0.1	0.3	0.8	0.9	0.4	0.3	0.3	0.3	0.3	0.4	0.9	0.8	0.3	0.1				
50	0.2	0.1	0.3	0.6	0.8	1.0	1.2	1.2	1.2	1.2	1.0	0.8	0.6	0.3	0.1	0.2			
40		0.2	0.8	2.4	5.2	11.2	26.4	37.7	37.7	26.4	11.2	5.2	2.4	0.8	0.2				
30	0.2	0.4	4.2	15.8	86.3	264.8	532.9	717.0	717.0	532.9	264.8	86.3	15.8	4.2	0.4	0.2			
20		1.2	10.3	57.0	355.5	1011.9	2097.8	3021.2	3021.2	2097.8	1011.9	355.5	57.0	10.3	1.2				
10	0.3	2.0	13.9	89.9	510.9	1455.8	3145.3	4349.5	4349.5	3145.3	1455.8	510.9	89.9	13.9	2.0	0.3			
0		2.4	14.9	94.1	514.6	1419.2	3099.6	4108.5	4108.5	3099.6	1419.2	514.6	94.1	14.9	2.4				
-10	0.4	2.8	14.4	63.2	338.3	936.1	1991.3	2832.4	2832.4	1991.3	936.1	338.3	63.2	14.4	2.8	0.4			
-20		2.8	13.6	35.2	199.4	573.3	1114.4	1576.0	1576.0	1114.4	573.3	199.4	35.2	13.6	2.8				
-30	0.4	2.2	11.0	26.2	80.1	316.1	616.7	843.9	843.9	616.7	316.1	80.1	26.2	11.0	2.2	0.4			
-40		1.4	7.2	20.5	39.4	73.5	174.2	270.8	270.8	174.2	73.5	39.4	20.5	7.2	1.4				
-50	0.2	0.7	3.6	11.2	24.2	39.4	53.7	62.2	62.2	53.7	39.4	24.2	11.2	3.6	0.7	0.2			
-60		0.3	1.3	3.8	8.3	14.1	20.8	24.5	24.5	20.8	14.1	8.3	3.8	1.3	0.3				
-70																			
-80	0.2	0.8		2.8	6.6		8.9		6.6		2.8	0.8		0.2					
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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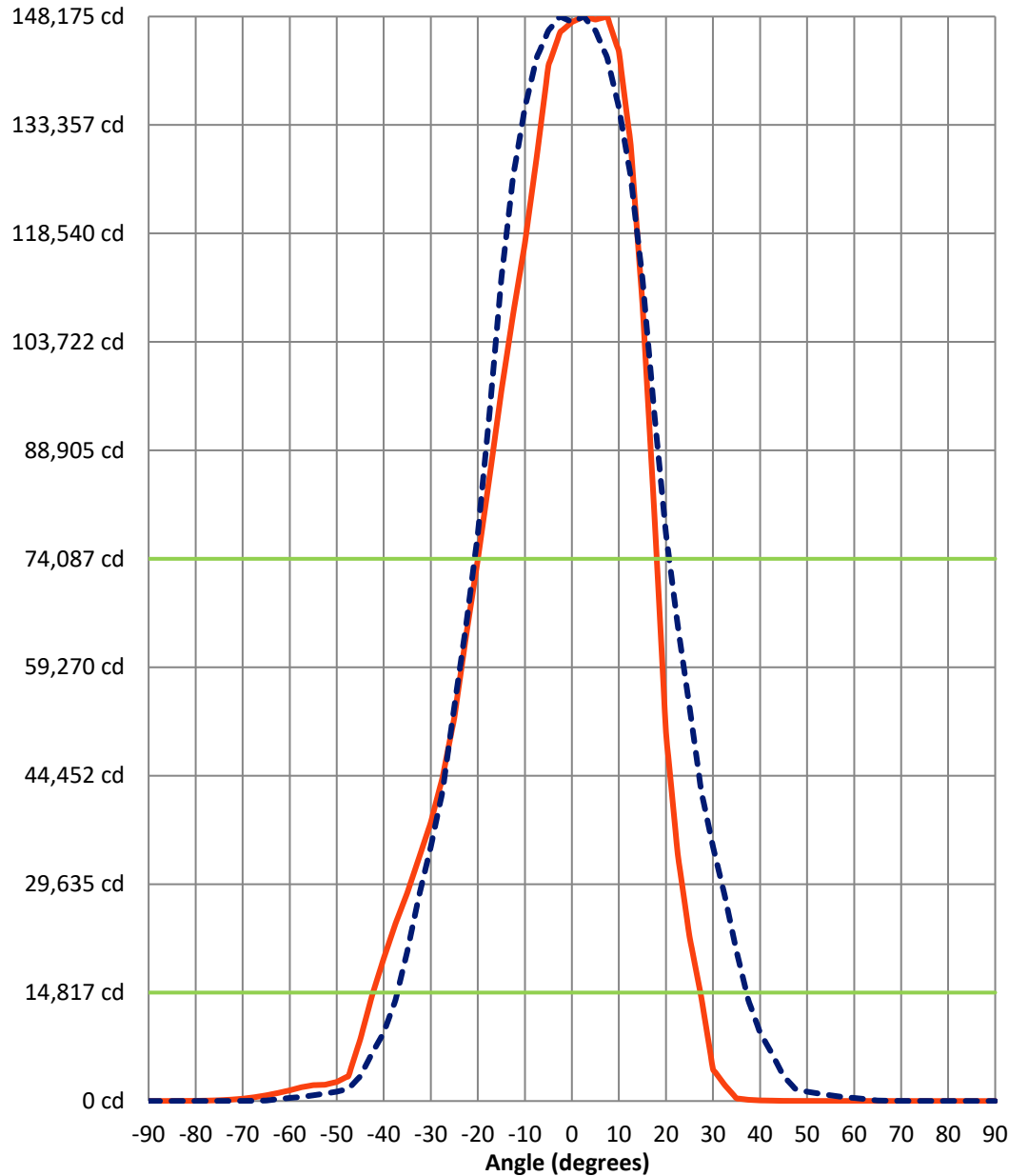
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 41.4°
 V Angle: 38°
 Lumens: 43589
 Efficiency: 55.1%

Field:
 H Angle: 74.2°
 V Angle: 69.6°
 Lumens: 73569
 Efficiency: 93.0%

Spill:
 Lumens: 5539.1
 Efficiency: 7.0%

- Vertical Distribution through -2.5-Deg
- - - Horizontal Distribution through 2.5-Deg

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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.3	4.8	4.2
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.3	4.8	4.2
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.4	5.0	4.8
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.0	5.7	5.6	5.7
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.2	6.1	6.2	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
70°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
67.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
65°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
62.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
60°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
57.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.4	6.6
55°	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.5	6.4	6.5	6.9
52.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.8	6.6	6.4	7.0	7.4
50°	6.4	6.4	6.4	6.4	6.4	6.6	7.0	6.7	6.6	7.5	8.5
47.5°	6.4	6.4	6.4	6.4	6.4	6.8	7.2	6.8	7.1	8.1	9.5
45°	6.4	6.4	6.4	6.4	6.4	7.1	7.3	6.9	7.8	8.9	10.5
42.5°	6.4	6.4	6.4	6.4	6.4	7.3	7.4	7.3	8.4	9.6	11.2
40°	6.4	6.4	6.4	6.4	6.5	7.6	7.5	7.8	9.0	10.2	11.8
37.5°	6.4	6.4	6.4	6.5	6.7	7.9	7.6	8.4	9.7	10.9	12.4
35°	6.4	6.4	6.4	6.5	6.9	8.0	7.7	8.9	10.2	11.7	13.1
32.5°	6.4	6.4	6.4	6.6	7.1	8.1	7.9	9.4	10.8	12.5	14.9
30°	6.4	6.4	6.4	6.7	7.4	8.2	8.3	9.8	11.4	13.4	16.9
27.5°	6.4	6.4	6.4	6.8	7.6	8.3	8.7	10.3	12.0	14.3	19.3
25°	6.4	6.4	6.4	6.9	7.8	8.4	9.1	10.7	12.7	15.8	22.0
22.5°	6.4	6.4	6.4	7.1	8.0	8.5	9.4	11.2	13.4	17.9	27.0
20°	6.4	6.4	6.4	7.2	8.1	8.5	9.8	11.5	14.1	20.0	32.4
17.5°	6.4	6.4	6.4	7.4	8.3	8.5	10.0	11.9	14.9	22.2	38.0
15°	6.4	6.4	6.4	7.5	8.3	8.5	10.2	12.2	15.6	24.4	43.9
12.5°	6.4	6.4	6.4	7.7	8.4	8.5	10.3	12.3	16.2	26.7	49.8
10°	6.4	6.4	6.4	7.9	8.5	8.5	10.4	12.5	16.9	29.2	55.5
7.5°	6.4	6.4	6.4	8.0	8.5	8.5	10.5	12.6	17.5	31.7	60.9
5°	6.4	6.4	6.4	8.2	8.5	8.5	10.6	12.6	18.1	34.0	65.9
2.5°	6.4	6.4	6.4	8.4	8.5	8.5	10.6	12.7	18.7	36.2	70.3
0°	6.4	6.4	6.4	8.5	8.5	8.5	10.6	12.7	19.1	38.1	74.1
-2.5°	6.4	6.4	6.5	8.5	8.5	8.7	11.1	15.0	25.6	49.7	92.4
-5°	6.4	6.4	6.6	8.5	8.5	9.0	11.7	17.2	31.7	60.7	109.7
-7.5°	6.4	6.4	6.7	8.5	8.5	9.2	12.1	19.2	37.4	70.9	125.4
-10°	6.4	6.4	6.8	8.4	8.5	9.4	12.5	21.0	42.4	79.9	139.3
-12.5°	6.4	6.4	6.8	8.4	8.5	9.5	12.9	22.5	46.5	87.8	152.6
-15°	6.4	6.4	6.9	8.4	8.5	9.6	13.1	23.6	50.3	95.3	164.0
-17.5°	6.4	6.4	7.0	8.3	8.5	9.7	13.3	25.3	54.0	101.1	172.3
-20°	6.4	6.4	7.0	8.3	8.5	9.8	13.9	27.4	56.6	104.9	177.1



REPORT NUMBER: P1306293 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-680N-40-70-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.4	6.4	7.1	8.3	8.5	9.8	15.0	28.9	57.8	106.6	178.3
-25°	6.4	6.4	7.1	8.3	8.5	9.9	15.7	29.7	57.7	106.0	175.5
-27.5°	6.4	6.4	7.2	8.3	8.5	10.1	16.1	29.8	56.2	104.0	174.3
-30°	6.4	6.4	7.2	8.3	8.5	10.2	16.2	29.1	55.2	102.1	170.2
-32.5°	6.4	6.4	7.2	8.3	8.6	10.1	15.8	28.8	54.3	98.1	162.7
-35°	6.4	6.4	7.2	8.3	8.7	9.8	15.5	28.4	52.3	92.0	151.9
-37.5°	6.4	6.4	7.2	8.4	8.8	9.6	15.2	27.3	49.2	83.8	138.0
-40°	6.4	6.4	7.1	8.5	8.8	9.7	14.6	25.6	44.9	77.7	124.4
-42.5°	6.4	6.4	7.1	8.5	8.9	9.7	13.8	23.2	41.4	70.5	109.1
-45°	6.4	6.4	7.0	8.5	8.9	9.7	12.7	20.9	37.8	62.2	93.3
-47.5°	6.4	6.4	6.9	8.5	8.9	9.7	11.3	19.2	33.4	53.1	83.0
-50°	6.4	6.4	6.9	8.4	8.8	9.7	11.0	17.2	28.0	46.8	71.7
-52.5°	6.4	6.4	6.8	8.2	8.8	9.6	10.9	14.9	24.2	39.8	60.0
-55°	6.4	6.4	6.7	8.0	8.7	9.4	10.7	12.4	20.9	32.1	51.0
-57.5°	6.4	6.4	6.5	7.8	8.6	9.3	10.4	12.1	17.3	26.9	41.2
-60°	6.4	6.4	6.4	7.6	8.5	9.1	10.1	11.7	14.1	22.2	32.2
-62.5°	6.4	6.4	6.4	7.4	8.3	8.9	9.8	11.2	13.3	17.1	26.2
-65°	6.4	6.4	6.4	7.2	8.1	8.6	9.4	10.6	12.4	15.0	19.8
-67.5°	6.4	6.4	6.4	7.1	7.9	8.4	9.0	10.1	11.4	13.6	16.4
-70°	6.4	6.4	6.4	6.9	7.8	8.3	8.6	9.6	10.8	12.0	14.3
-72.5°	6.4	6.4	6.4	6.8	7.6	8.2	8.5	9.0	10.1	11.2	12.3
-75°	6.4	6.4	6.4	6.8	7.4	8.1	8.5	8.8	9.5	10.5	11.5
-77.5°	6.4	6.4	6.4	6.7	7.3	8.0	8.4	8.7	9.2	9.8	10.7
-80°	6.4	6.4	6.4	6.7	7.1	7.7	8.5	8.6	8.9	9.3	9.9
-82.5°	6.4	6.4	6.4	6.6	6.9	7.4	8.0	8.3	8.5	8.7	9.0
-85°	6.4	6.4	6.4	6.5	6.8	7.1	7.5	7.7	7.8	8.0	8.2
-87.5°	6.4	6.4	6.4	6.5	6.6	6.7	6.9	7.0	7.1	7.2	7.3
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	5.9	5.3	4.8	4.2



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 CATALOG NUMBER: EPH-08-680N-40-70-5S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
82.5°	4.8	4.8	4.6	4.2	4.2	4.2	4.2	4.5	4.6	4.5	4.4
80°	5.7	5.4	4.8	4.3	4.4	4.8	5.3	5.9	5.8	5.5	5.1
77.5°	6.0	5.4	4.9	4.3	4.7	5.4	6.0	6.3	6.3	6.2	6.3
75°	6.0	5.5	5.2	5.2	5.7	6.2	6.4	6.8	7.1	7.1	6.9
72.5°	6.2	5.9	6.0	6.3	6.5	6.8	7.3	8.1	8.5	8.4	8.3
70°	6.3	6.4	6.4	6.4	6.5	7.3	8.3	9.4	10.1	10.5	11.5
67.5°	6.4	6.4	6.4	6.5	7.3	8.4	9.6	12.1	15.2	16.5	17.6
65°	6.4	6.4	6.7	7.4	8.4	10.1	12.7	16.4	22.7	25.6	26.9
62.5°	6.4	6.6	7.1	8.2	9.5	11.7	17.1	24.1	32.0	36.3	35.4
60°	6.5	6.7	8.0	9.6	11.3	16.0	23.1	31.1	41.2	48.4	43.5
57.5°	6.6	7.5	9.6	11.6	15.2	19.9	27.0	36.7	47.0	57.9	50.1
55°	7.3	9.2	11.3	14.1	18.0	21.5	28.7	37.8	49.2	56.2	49.3
52.5°	8.9	10.8	12.7	16.0	19.7	22.6	26.9	35.4	42.1	47.8	44.0
50°	10.3	11.6	13.7	17.5	20.8	22.6	22.3	28.8	34.4	36.9	37.3
47.5°	11.2	12.5	15.0	18.8	21.5	22.0	20.0	23.3	27.4	30.0	29.3
45°	11.9	13.9	16.6	19.9	21.9	21.2	20.9	19.7	24.9	27.2	27.6
42.5°	12.6	15.4	18.7	21.3	22.1	23.2	23.7	23.8	26.5	31.8	34.5
40°	13.9	17.0	21.2	23.5	23.9	27.5	31.3	34.1	36.0	43.2	48.3
37.5°	15.2	19.6	24.8	28.5	29.1	35.5	41.4	60.1	63.9	58.4	76.8
35°	16.4	22.6	31.3	40.2	45.4	47.0	72.9	98.2	109.1	106.9	122.4
32.5°	18.6	25.9	39.8	60.1	80.3	85.4	112.9	155.9	194.3	209.8	200.3
30°	22.3	33.8	53.4	85.4	131.0	181.0	188.8	236.5	314.1	377.4	472.0
27.5°	27.8	44.1	77.6	131.9	204.8	307.1	332.3	373.7	489.1	647.9	952.8
25°	34.1	70.2	105.3	193.8	328.7	448.7	496.1	574.2	708.0	1221.4	1923.4
22.5°	48.2	105.1	162.1	265.2	473.1	597.2	682.7	813.8	1132.0	1951.7	3318.2
20°	73.3	153.5	234.0	355.2	625.9	753.8	868.7	1068.1	1778.5	3302.6	5523.6
17.5°	102.9	205.8	308.4	463.8	708.4	883.2	1061.0	1328.9	2457.0	4878.2	7829.1
15°	135.9	261.0	378.3	557.7	780.6	968.5	1216.7	1834.3	3534.1	6677.1	9946.7
12.5°	171.2	318.1	443.7	637.9	847.6	1048.7	1344.4	2266.2	4656.8	8311.4	12122.4
10°	207.6	375.7	504.7	705.5	909.0	1123.0	1460.0	2660.8	5448.4	8924.4	13164.6
7.5°	230.2	411.8	554.0	761.7	964.4	1190.7	1562.5	3009.3	6008.5	9233.7	13594.0
5°	247.2	420.9	558.9	778.2	999.9	1244.6	1642.5	3301.6	6356.6	9277.5	13726.5
2.5°	260.2	424.6	559.9	783.4	1021.2	1281.1	1669.9	3398.3	6516.2	9362.4	13818.2
0°	269.0	423.6	557.1	781.6	1035.8	1309.0	1679.7	3416.5	6519.6	9417.2	13852.5
-2.5°	283.4	438.8	585.4	814.4	1052.2	1314.9	1693.4	3512.7	6835.9	10010.1	14897.8
-5°	293.5	450.1	609.0	840.0	1061.9	1312.0	1691.1	3517.9	6875.6	10147.6	14940.2
-7.5°	299.8	457.6	626.8	855.2	1053.4	1279.0	1633.3	3233.6	6270.6	9525.3	13925.1
-10°	303.6	467.2	639.3	846.3	1022.0	1224.8	1551.3	2882.0	5547.2	8724.8	12698.5
-12.5°	310.6	478.5	647.6	836.0	992.7	1165.2	1454.7	2473.1	4725.6	7746.2	11276.9
-15°	312.8	485.8	651.8	825.9	968.2	1101.0	1344.2	2014.9	3902.1	6887.2	9869.7
-17.5°	310.0	489.3	652.0	817.6	950.8	1033.3	1231.2	1618.9	3288.3	6053.1	8805.3
-20°	302.2	489.0	648.5	812.6	940.0	1011.1	1194.0	1532.6	2760.7	5076.2	7799.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	289.2	484.9	642.2	804.0	939.0	1031.6	1162.4	1423.9	2098.8	3948.0	6757.1
-25°	280.7	466.6	632.4	781.9	932.6	1053.6	1128.4	1307.6	1684.3	3086.3	5352.3
-27.5°	276.6	442.1	603.0	750.1	916.2	1066.2	1134.7	1265.4	1531.9	2139.8	3872.4
-30°	267.2	401.0	567.7	710.1	877.9	1040.9	1159.9	1221.7	1393.9	1748.1	2767.4
-32.5°	248.5	358.8	520.9	666.6	824.9	1003.5	1164.3	1225.4	1336.6	1540.6	1922.5
-35°	226.9	331.8	470.0	616.3	761.2	942.3	1112.3	1242.6	1291.4	1438.9	1705.7
-37.5°	207.9	300.3	418.1	560.0	700.2	866.9	1054.1	1205.5	1305.9	1370.6	1567.7
-40°	185.9	264.2	375.0	502.5	638.6	790.6	964.0	1140.7	1283.2	1405.7	1488.5
-42.5°	161.9	236.4	330.7	445.0	576.3	717.2	867.2	1042.3	1224.7	1399.1	1526.8
-45°	143.0	205.4	284.0	391.4	510.2	640.3	780.8	928.7	1119.2	1316.0	1494.2
-47.5°	122.2	174.2	246.0	332.9	443.1	562.3	689.8	829.5	986.7	1176.1	1380.7
-50°	102.2	149.0	204.3	281.9	373.9	482.2	598.8	721.0	859.9	1017.4	1197.5
-52.5°	88.5	121.8	171.0	230.4	309.4	401.3	504.4	612.2	730.8	860.2	1008.1
-55°	73.7	102.4	138.2	187.1	246.7	325.2	409.2	504.9	603.4	716.0	829.8
-57.5°	60.7	84.3	112.1	148.0	195.7	249.8	322.8	398.3	485.9	576.9	667.7
-60°	48.4	67.2	90.2	117.5	149.9	194.5	240.8	303.9	373.8	442.4	518.2
-62.5°	36.4	51.7	69.8	91.3	117.5	143.6	180.4	223.6	269.4	325.9	381.5
-65°	28.8	37.4	51.1	68.4	87.1	109.3	132.3	155.6	192.3	229.0	263.8
-67.5°	20.7	28.5	36.5	46.2	62.0	77.7	94.2	114.6	135.0	154.2	176.7
-70°	17.1	20.1	26.4	33.6	40.6	49.0	62.7	77.0	91.5	105.9	122.0
-72.5°	14.3	16.8	19.6	22.5	28.2	33.8	39.2	44.4	53.6	65.5	76.8
-75°	12.4	13.5	15.6	18.1	20.4	22.7	25.3	29.8	34.3	38.9	43.5
-77.5°	11.3	12.1	13.0	14.1	15.4	17.4	19.3	21.2	23.0	24.8	26.5
-80°	10.3	10.6	11.1	11.8	12.6	13.5	14.5	15.7	17.0	18.4	19.9
-82.5°	9.3	9.5	9.8	10.0	10.2	10.4	10.7	11.3	12.0	12.8	13.6
-85°	8.3	8.5	8.7	8.8	9.0	9.1	9.2	9.4	9.5	9.6	9.7
-87.5°	7.4	7.4	7.5	7.6	7.7	7.7	7.8	7.9	7.9	8.0	8.1
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.4	6.4	6.4	6.4	6.4	5.9	5.3	4.8	4.2	4.2	4.2
87.5°	4.2	4.2	4.2	4.2	4.2	3.7	3.2	2.6	2.1	2.1	2.1
85°	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.1	3.6	3.1
82.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.7	3.2
80°	4.9	4.8	4.7	4.5	4.2	4.2	4.2	4.2	4.2	3.7	3.2
77.5°	6.4	6.0	5.4	4.9	4.3	4.2	4.2	4.2	4.2	3.7	3.2
75°	6.6	6.1	5.9	5.6	5.3	5.2	5.0	4.7	4.3	4.1	4.1
72.5°	8.1	8.0	7.9	8.1	8.1	7.8	7.4	6.8	6.1	6.0	6.2
70°	12.2	12.6	12.8	12.6	11.9	10.9	10.0	9.2	8.3	8.1	8.2
67.5°	18.8	19.0	18.4	17.1	14.8	12.9	11.8	10.6	9.2	8.7	9.3
65°	26.6	23.5	21.0	18.7	16.7	14.9	13.6	12.2	10.8	10.5	11.8
62.5°	31.7	25.0	21.1	19.3	18.0	16.7	14.8	13.0	11.5	10.7	10.9
60°	36.1	26.6	20.1	18.4	16.7	15.0	13.1	11.5	10.1	9.2	8.9
57.5°	38.3	27.2	18.4	16.0	13.7	11.5	10.5	10.0	9.3	8.5	9.0
55°	36.9	25.2	15.6	13.8	13.1	12.7	12.3	11.3	10.5	9.8	10.2
52.5°	31.5	23.0	16.7	14.4	13.8	13.2	12.6	12.4	12.2	12.0	12.1
50°	28.1	21.5	17.1	14.6	14.6	14.6	14.6	14.8	15.1	15.2	15.4
47.5°	25.1	20.2	19.1	16.7	17.1	18.5	18.8	19.1	20.2	20.0	19.5
45°	25.0	26.9	26.3	24.8	23.9	33.4	34.0	28.5	33.8	33.1	29.0
42.5°	36.7	39.4	39.9	49.1	66.3	65.5	63.8	72.2	66.4	58.1	52.2
40°	56.9	56.9	67.5	82.9	82.4	79.2	89.7	91.0	90.3	95.1	93.6
37.5°	90.6	91.7	96.5	105.7	122.0	114.3	137.2	152.0	154.3	174.8	190.6
35°	150.6	176.5	153.4	208.5	244.5	236.8	270.2	329.9	273.5	418.9	445.1
32.5°	282.4	340.5	385.2	448.1	529.3	649.2	658.1	1082.8	1167.7	1418.4	1761.1
30°	486.2	654.7	978.7	1063.3	1193.9	1690.9	2278.5	3013.8	3697.3	4185.5	4827.7
27.5°	1170.5	1449.0	2146.9	2905.0	2860.8	3789.5	5891.2	6537.8	8312.5	8902.9	10401.0
25°	2618.2	3285.2	4974.3	6479.6	7246.8	9693.5	12466.4	13717.0	16054.9	17297.9	19131.9
22.5°	5120.3	6950.0	9190.3	11501.9	14382.5	18128.8	21556.7	24058.9	27206.7	29733.9	31229.6
20°	8287.5	10819.4	14269.4	17860.3	22315.8	27237.4	30815.3	35884.7	40619.1	45114.8	47142.7
17.5°	11303.5	15533.7	19707.7	24041.7	29886.4	36324.2	42155.6	49569.7	57420.0	63457.0	68378.3
15°	13858.9	18566.0	24588.3	29768.1	36457.8	44486.0	53155.1	62633.7	73923.4	82504.1	91744.8
12.5°	16217.8	20937.7	27472.0	33658.2	42666.0	51733.2	61849.9	73627.3	86678.0	99371.2	111278.1
10°	17736.6	23176.3	30178.4	37694.1	46921.3	57450.0	68958.2	82152.0	98876.5	113387.9	126802.3
7.5°	18655.4	25217.9	32468.5	40482.5	50360.3	61194.9	73314.6	88868.4	106440.8	121598.4	133649.5
5°	19559.1	26890.6	33946.7	41826.7	52598.8	63623.9	75445.4	91047.3	109171.7	124343.8	135165.6
2.5°	20465.3	28042.1	34758.7	42361.6	53869.8	64996.7	77512.8	94134.6	112352.5	126286.7	135687.3
0°	21293.5	28452.8	35050.7	42496.0	54423.1	65596.2	78338.9	94752.2	115075.7	128477.0	137578.6
-2.5°	21593.9	28430.5	34734.9	42116.8	53961.1	64775.6	77457.7	95146.2	114112.1	127748.6	136990.6
-5°	20680.3	26884.5	33019.7	40496.8	51507.2	62669.9	75437.3	92976.9	110980.3	125097.6	133910.5
-7.5°	18962.7	24568.3	30602.8	38012.1	48016.1	58803.3	70425.7	85746.1	103470.1	116621.8	123563.0
-10°	17164.8	21972.9	27673.6	34531.2	43347.0	53591.1	63225.0	76261.1	92642.6	104302.3	111405.8
-12.5°	15109.5	19011.3	24272.9	30266.9	38136.0	47066.9	55878.4	66904.6	79415.3	91407.6	98803.0
-15°	12951.9	16091.9	20663.7	26415.3	32629.9	39309.9	47458.4	56390.0	66365.7	76086.2	84510.8
-17.5°	11224.9	13648.0	17843.3	23012.2	27750.9	33170.2	41112.1	48373.0	55673.8	63513.4	70531.8
-20°	10114.2	12388.7	15777.5	20093.3	24794.2	30256.9	36394.1	42744.7	49531.3	55550.4	61736.3



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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°	9227.6	11565.4	14180.2	17776.9	22780.6	27799.2	32520.4	37380.4	43010.8	49158.9	54341.0
-25°	8076.0	10527.6	13011.8	16432.8	20645.5	25081.4	28557.3	32017.6	37097.8	42326.5	46610.4
-27.5°	6474.5	9246.4	12146.7	14931.3	18522.3	21677.2	24731.6	27867.6	32297.3	36710.9	39911.7
-30°	4620.1	7821.7	10833.8	13679.0	16144.6	18628.9	21183.4	24393.7	28096.7	31648.0	34368.9
-32.5°	3380.6	5779.6	9037.1	11941.0	14353.8	16433.4	18395.4	21251.9	24149.0	26996.5	29597.1
-35°	2157.2	3910.6	6448.9	9406.0	12238.7	14446.6	16579.7	18649.5	20826.8	23253.8	25504.2
-37.5°	1857.4	2328.8	3888.2	6094.4	8809.3	11694.4	13791.6	15852.1	18074.7	19898.1	21790.0
-40°	1683.4	1929.6	2324.7	3107.2	5157.1	7192.5	9548.8	11752.5	13877.0	15748.6	17477.5
-42.5°	1607.3	1754.8	1914.3	2211.2	2541.9	3517.8	5235.7	6840.3	8731.1	10609.7	12250.6
-45°	1645.8	1696.5	1777.7	1923.6	2059.0	2333.9	2623.4	2925.9	4217.9	5572.7	6733.6
-47.5°	1540.5	1688.1	1766.8	1830.3	1899.8	2019.5	2143.2	2311.7	2603.0	2898.2	3132.1
-50°	1365.7	1522.9	1660.9	1797.2	1863.0	1910.8	1961.8	2060.5	2195.7	2334.7	2437.1
-52.5°	1148.2	1300.3	1452.3	1590.2	1702.6	1811.3	1918.7	1999.5	2070.1	2140.0	2173.7
-55°	953.6	1080.5	1203.0	1327.2	1449.8	1566.0	1685.0	1806.1	1918.5	2022.5	2073.9
-57.5°	770.8	877.2	982.5	1077.2	1174.9	1274.4	1384.5	1502.1	1618.5	1727.2	1783.5
-60°	597.3	678.9	765.0	842.3	914.9	982.9	1078.1	1174.6	1267.0	1345.8	1387.6
-62.5°	436.7	500.1	565.5	626.8	685.0	742.7	814.4	884.3	951.3	1005.5	1037.1
-65°	302.7	349.9	393.8	436.2	477.4	526.7	581.0	633.2	682.7	719.8	740.7
-67.5°	206.6	234.6	259.2	282.1	311.7	346.4	384.4	420.2	453.6	477.8	493.8
-70°	138.1	153.3	166.8	182.3	201.0	220.0	240.6	260.9	280.6	294.3	302.7
-72.5°	87.6	97.3	106.5	117.2	127.2	137.3	147.2	156.5	165.0	172.9	180.2
-75°	48.0	53.1	60.4	67.2	73.4	80.2	86.7	92.5	97.6	101.0	103.6
-77.5°	29.3	32.7	35.6	38.3	40.7	43.7	47.0	50.5	53.9	56.2	58.0
-80°	21.3	22.4	23.4	24.5	25.6	26.6	27.4	28.0	28.5	29.4	30.2
-82.5°	14.4	15.1	15.7	16.2	16.7	17.6	18.6	19.5	20.3	21.1	21.8
-85°	9.8	9.8	9.8	9.8	9.8	10.4	11.0	11.6	12.3	12.4	12.5
-87.5°	8.1	7.7	7.3	6.9	6.4	6.4	6.3	6.3	6.3	6.3	6.4
-90°	4.2	4.2	4.2	4.2	4.2	3.7	3.2	2.6	2.1	2.1	2.1



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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°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.8
87.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.6
85°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.1	3.6	4.1	4.1
82.5°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.2
80°	2.6	2.1	2.1	2.1	2.1	2.1	2.6	3.2	3.7	4.2	4.2
77.5°	2.7	2.1	2.1	2.1	2.1	2.1	2.7	3.2	3.7	4.2	4.2
75°	4.1	4.2	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.3	4.7
72.5°	6.3	6.3	6.4	6.4	6.4	6.3	6.3	6.2	6.0	6.1	6.8
70°	8.4	8.4	8.5	8.5	8.5	8.4	8.4	8.2	8.1	8.3	9.2
67.5°	9.8	10.4	10.6	10.6	10.6	10.4	9.8	9.3	8.7	9.2	10.6
65°	13.1	14.4	13.8	12.7	13.8	14.4	13.1	11.8	10.5	10.8	12.2
62.5°	10.9	10.8	10.6	10.6	10.6	10.8	10.9	10.9	10.7	11.5	13.0
60°	8.7	8.6	8.5	8.5	8.5	8.6	8.7	8.9	9.2	10.1	11.5
57.5°	9.6	10.3	10.6	10.6	10.6	10.3	9.6	9.0	8.5	9.3	10.0
55°	10.5	10.6	10.6	10.6	10.6	10.6	10.5	10.2	9.8	10.5	11.3
52.5°	12.4	12.6	12.7	12.7	12.7	12.6	12.4	12.1	12.0	12.2	12.4
50°	15.3	14.9	14.8	14.8	14.8	14.9	15.3	15.4	15.2	15.1	14.8
47.5°	19.4	19.1	19.0	19.1	19.0	19.1	19.4	19.5	20.0	20.2	19.1
45°	28.9	28.0	27.3	27.5	27.3	28.0	28.9	29.0	33.1	33.8	28.5
42.5°	55.3	57.3	59.6	63.5	59.6	57.3	55.3	52.2	58.1	66.4	72.2
40°	94.5	91.8	88.3	89.0	88.3	91.8	94.5	93.6	95.1	90.3	91.0
37.5°	196.5	189.0	174.8	165.2	174.8	189.0	196.5	190.6	174.8	154.3	152.0
35°	403.8	394.2	371.0	364.3	371.0	394.2	403.8	445.1	418.9	273.5	329.9
32.5°	1900.7	2118.6	2187.1	2190.1	2187.1	2118.6	1900.7	1761.1	1418.4	1167.7	1082.8
30°	4877.7	4824.7	4354.1	3869.8	4354.1	4824.7	4877.7	4827.7	4185.5	3697.3	3013.8
27.5°	11739.2	13173.3	14209.2	13873.7	14209.2	13173.3	11739.2	10401.0	8902.9	8312.5	6537.8
25°	21143.4	22158.3	22491.4	21996.7	22491.4	22158.3	21143.4	19131.9	17297.9	16054.9	13717.0
22.5°	33194.7	33804.2	33751.1	32638.2	33751.1	33804.2	33194.7	31229.6	29733.9	27206.7	24058.9
20°	49988.5	49891.3	50390.6	48125.9	50390.6	49891.3	49988.5	47142.7	45114.8	40619.1	35884.7
17.5°	73740.9	77642.0	80612.3	80327.8	80612.3	77642.0	73740.9	68378.3	63457.0	57420.0	49569.7
15°	98972.4	104867.0	108896.0	109157.6	108896.0	104867.0	98972.4	91744.8	82504.1	73923.4	62633.7
12.5°	120905.4	127209.3	130631.1	130111.2	130631.1	127209.3	120905.4	111278.1	99371.2	86678.0	73627.3
10°	134877.3	139729.5	143330.7	144225.3	143330.7	139729.5	134877.3	126802.3	113387.9	98876.5	82152.0
7.5°	140479.9	145021.1	148160.3	148113.1	148160.3	145021.1	140479.9	133649.5	121598.4	106440.8	88868.4
5°	141516.7	145987.9	147764.7	148101.5	147764.7	145987.9	141516.7	135165.6	124343.8	109171.7	91047.3
2.5°	142536.3	146243.3	148174.5	147440.7	148174.5	146243.3	142536.3	135687.3	126286.7	112352.5	94134.6
0°	142935.3	145907.1	147416.3	146949.2	147416.3	145907.1	142935.3	137578.6	128477.0	115075.7	94752.2
-2.5°	142798.7	144753.5	146031.0	145589.4	146031.0	144753.5	142798.7	136990.6	127748.6	114112.1	95146.2
-5°	139144.4	140827.8	141423.1	141749.2	141423.1	140827.8	139144.4	133910.5	125097.6	110980.3	92976.9
-7.5°	127401.2	129613.8	128902.3	129975.6	128902.3	129613.8	127401.2	123563.0	116621.8	103470.1	85746.1
-10°	115783.9	117937.1	117198.4	117890.6	117198.4	117937.1	115783.9	111405.8	104302.3	92642.6	76261.1
-12.5°	104829.2	107537.6	107497.5	108479.8	107497.5	107537.6	104829.2	98803.0	91407.6	79415.3	66904.6
-15°	91658.8	95108.3	96987.0	98192.1	96987.0	95108.3	91658.8	84510.8	76086.2	66365.7	56390.0
-17.5°	77746.5	82182.5	85342.8	85828.6	85342.8	82182.5	77746.5	70531.8	63513.4	55673.8	48373.0
-20°	67050.7	71049.9	74024.3	74983.8	74024.3	71049.9	67050.7	61736.3	55550.4	49531.3	42744.7



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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°	58090.8	61390.9	63541.6	64071.2	63541.6	61390.9	58090.8	54341.0	49158.9	43010.8	37380.4
-25°	49417.2	51262.4	52391.3	52817.6	52391.3	51262.4	49417.2	46610.4	42326.5	37097.8	32017.6
-27.5°	42357.9	43674.1	44237.7	44459.5	44237.7	43674.1	42357.9	39911.7	36710.9	32297.3	27867.6
-30°	36448.7	37459.3	38078.6	38308.4	38078.6	37459.3	36448.7	34368.9	31648.0	28096.7	24393.7
-32.5°	31584.4	32590.3	33242.8	33477.0	33242.8	32590.3	31584.4	29597.1	26996.5	24149.0	21251.9
-35°	27029.7	27861.3	28455.8	28732.4	28455.8	27861.3	27029.7	25504.2	23253.8	20826.8	18649.5
-37.5°	23003.9	23754.1	24249.2	24402.9	24249.2	23754.1	23003.9	21790.0	19898.1	18074.7	15852.1
-40°	18451.5	19128.6	19505.2	19486.8	19505.2	19128.6	18451.5	17477.5	15748.6	13877.0	11752.5
-42.5°	13220.2	13904.0	14387.3	14750.6	14387.3	13904.0	13220.2	12250.6	10609.7	8731.1	6840.3
-45°	7510.6	8072.4	8434.1	8603.8	8434.1	8072.4	7510.6	6733.6	5572.7	4217.9	2925.9
-47.5°	3271.1	3373.1	3424.4	3425.0	3424.4	3373.1	3271.1	3132.1	2898.2	2603.0	2311.7
-50°	2511.3	2575.4	2612.3	2622.2	2612.3	2575.4	2511.3	2437.1	2334.7	2195.7	2060.5
-52.5°	2197.3	2219.5	2229.4	2230.4	2229.4	2219.5	2197.3	2173.7	2140.0	2070.1	1999.5
-55°	2117.4	2154.2	2169.0	2166.8	2169.0	2154.2	2117.4	2073.9	2022.5	1918.5	1806.1
-57.5°	1830.4	1867.2	1888.5	1895.7	1888.5	1867.2	1830.4	1783.5	1727.2	1618.5	1502.1
-60°	1420.1	1443.1	1463.2	1476.3	1463.2	1443.1	1420.1	1387.6	1345.8	1267.0	1174.6
-62.5°	1062.8	1082.2	1100.9	1114.1	1100.9	1082.2	1062.8	1037.1	1005.5	951.3	884.3
-65°	755.9	765.6	781.1	794.3	781.1	765.6	755.9	740.7	719.8	682.7	633.2
-67.5°	506.5	515.7	521.4	523.2	521.4	515.7	506.5	493.8	477.8	453.6	420.2
-70°	308.5	312.0	318.6	324.1	318.6	312.0	308.5	302.7	294.3	280.6	260.9
-72.5°	186.7	192.3	192.3	190.6	192.3	192.3	186.7	180.2	172.9	165.0	156.5
-75°	105.5	106.9	107.7	108.0	107.7	106.9	105.5	103.6	101.0	97.6	92.5
-77.5°	59.6	60.8	60.2	59.3	60.2	60.8	59.6	58.0	56.2	53.9	50.5
-80°	31.0	31.7	31.8	31.8	31.8	31.7	31.0	30.2	29.4	28.5	28.0
-82.5°	22.5	23.2	22.2	21.2	22.2	23.2	22.5	21.8	21.1	20.3	19.5
-85°	12.6	12.7	12.7	12.7	12.7	12.7	12.6	12.5	12.4	12.3	11.6
-87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.3	6.3	6.3
-90°	2.1	2.1	1.1	0.0	1.1	2.1	2.1	2.1	2.1	2.1	2.6



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	5.3	5.9	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	3.2	3.7	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
85°	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
82.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.4	4.5	4.6	4.5
80°	4.2	4.2	4.2	4.5	4.7	4.8	4.9	5.1	5.5	5.8	5.9
77.5°	4.2	4.2	4.3	4.9	5.4	6.0	6.4	6.3	6.2	6.3	6.3
75°	5.0	5.2	5.3	5.6	5.9	6.1	6.6	6.9	7.1	7.1	6.8
72.5°	7.4	7.8	8.1	8.1	7.9	8.0	8.1	8.3	8.4	8.5	8.1
70°	10.0	10.9	11.9	12.6	12.8	12.6	12.2	11.5	10.5	10.1	9.4
67.5°	11.8	12.9	14.8	17.1	18.4	19.0	18.8	17.6	16.5	15.2	12.1
65°	13.6	14.9	16.7	18.7	21.0	23.5	26.6	26.9	25.6	22.7	16.4
62.5°	14.8	16.7	18.0	19.3	21.1	25.0	31.7	35.4	36.3	32.0	24.1
60°	13.1	15.0	16.7	18.4	20.1	26.6	36.1	43.5	48.4	41.2	31.1
57.5°	10.5	11.5	13.7	16.0	18.4	27.2	38.3	50.1	57.9	47.0	36.7
55°	12.3	12.7	13.1	13.8	15.6	25.2	36.9	49.3	56.2	49.2	37.8
52.5°	12.6	13.2	13.8	14.4	16.7	23.0	31.5	44.0	47.8	42.1	35.4
50°	14.6	14.6	14.6	14.6	17.1	21.5	28.1	37.3	36.9	34.4	28.8
47.5°	18.8	18.5	17.1	16.7	19.1	20.2	25.1	29.3	30.0	27.4	23.3
45°	34.0	33.4	23.9	24.8	26.3	26.9	25.0	27.6	27.2	24.9	19.7
42.5°	63.8	65.5	66.3	49.1	39.9	39.4	36.7	34.5	31.8	26.5	23.8
40°	89.7	79.2	82.4	82.9	67.5	56.9	56.9	48.3	43.2	36.0	34.1
37.5°	137.2	114.3	122.0	105.7	96.5	91.7	90.6	76.8	58.4	63.9	60.1
35°	270.2	236.8	244.5	208.5	153.4	176.5	150.6	122.4	106.9	109.1	98.2
32.5°	658.1	649.2	529.3	448.1	385.2	340.5	282.4	200.3	209.8	194.3	155.9
30°	2278.5	1690.9	1193.9	1063.3	978.7	654.7	486.2	472.0	377.4	314.1	236.5
27.5°	5891.2	3789.5	2860.8	2905.0	2146.9	1449.0	1170.5	952.8	647.9	489.1	373.7
25°	12466.4	9693.5	7246.8	6479.6	4974.3	3285.2	2618.2	1923.4	1221.4	708.0	574.2
22.5°	21556.7	18128.8	14382.5	11501.9	9190.3	6950.0	5120.3	3318.2	1951.7	1132.0	813.8
20°	30815.3	27237.4	22315.8	17860.3	14269.4	10819.4	8287.5	5523.6	3302.6	1778.5	1068.1
17.5°	42155.6	36324.2	29886.4	24041.7	19707.7	15533.7	11303.5	7829.1	4878.2	2457.0	1328.9
15°	53155.1	44486.0	36457.8	29768.1	24588.3	18566.0	13858.9	9946.7	6677.1	3534.1	1834.3
12.5°	61849.9	51733.2	42666.0	33658.2	27472.0	20937.7	16217.8	12122.4	8311.4	4656.8	2266.2
10°	68958.2	57450.0	46921.3	37694.1	30178.4	23176.3	17736.6	13164.6	8924.4	5448.4	2660.8
7.5°	73314.6	61194.9	50360.3	40482.5	32468.5	25217.9	18655.4	13594.0	9233.7	6008.5	3009.3
5°	75445.4	63623.9	52598.8	41826.7	33946.7	26890.6	19559.1	13726.5	9277.5	6356.6	3301.6
2.5°	77512.8	64996.7	53869.8	42361.6	34758.7	28042.1	20465.3	13818.2	9362.4	6516.2	3398.3
0°	78338.9	65596.2	54423.1	42496.0	35050.7	28452.8	21293.5	13852.5	9417.2	6519.6	3416.5
-2.5°	77457.7	64775.6	53961.1	42116.8	34734.9	28430.5	21593.9	14897.8	10010.1	6835.9	3512.7
-5°	75437.3	62669.9	51507.2	40496.8	33019.7	26884.5	20680.3	14940.2	10147.6	6875.6	3517.9
-7.5°	70425.7	58803.3	48016.1	38012.1	30602.8	24568.3	18962.7	13925.1	9525.3	6270.6	3233.6
-10°	63225.0	53591.1	43347.0	34531.2	27673.6	21972.9	17164.8	12698.5	8724.8	5547.2	2882.0
-12.5°	55878.4	47066.9	38136.0	30266.9	24272.9	19011.3	15109.5	11276.9	7746.2	4725.6	2473.1
-15°	47458.4	39309.9	32629.9	26415.3	20663.7	16091.9	12951.9	9869.7	6887.2	3902.1	2014.9
-17.5°	41112.1	33170.2	27750.9	23012.2	17843.3	13648.0	11224.9	8805.3	6053.1	3288.3	1618.9
-20°	36394.1	30256.9	24794.2	20093.3	15777.5	12388.7	10114.2	7799.5	5076.2	2760.7	1532.6



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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°	32520.4	27799.2	22780.6	17776.9	14180.2	11565.4	9227.6	6757.1	3948.0	2098.8	1423.9
-25°	28557.3	25081.4	20645.5	16432.8	13011.8	10527.6	8076.0	5352.3	3086.3	1684.3	1307.6
-27.5°	24731.6	21677.2	18522.3	14931.3	12146.7	9246.4	6474.5	3872.4	2139.8	1531.9	1265.4
-30°	21183.4	18628.9	16144.6	13679.0	10833.8	7821.7	4620.1	2767.4	1748.1	1393.9	1221.7
-32.5°	18395.4	16433.4	14353.8	11941.0	9037.1	5779.6	3380.6	1922.5	1540.6	1336.6	1225.4
-35°	16579.7	14446.6	12238.7	9406.0	6448.9	3910.6	2157.2	1705.7	1438.9	1291.4	1242.6
-37.5°	13791.6	11694.4	8809.3	6094.4	3888.2	2328.8	1857.4	1567.7	1370.6	1305.9	1205.5
-40°	9548.8	7192.5	5157.1	3107.2	2324.7	1929.6	1683.4	1488.5	1405.7	1283.2	1140.7
-42.5°	5235.7	3517.8	2541.9	2211.2	1914.3	1754.8	1607.3	1526.8	1399.1	1224.7	1042.3
-45°	2623.4	2333.9	2059.0	1923.6	1777.7	1696.5	1645.8	1494.2	1316.0	1119.2	928.7
-47.5°	2143.2	2019.5	1899.8	1830.3	1766.8	1688.1	1540.5	1380.7	1176.1	986.7	829.5
-50°	1961.8	1910.8	1863.0	1797.2	1660.9	1522.9	1365.7	1197.5	1017.4	859.9	721.0
-52.5°	1918.7	1811.3	1702.6	1590.2	1452.3	1300.3	1148.2	1008.1	860.2	730.8	612.2
-55°	1685.0	1566.0	1449.8	1327.2	1203.0	1080.5	953.6	829.8	716.0	603.4	504.9
-57.5°	1384.5	1274.4	1174.9	1077.2	982.5	877.2	770.8	667.7	576.9	485.9	398.3
-60°	1078.1	982.9	914.9	842.3	765.0	678.9	597.3	518.2	442.4	373.8	303.9
-62.5°	814.4	742.7	685.0	626.8	565.5	500.1	436.7	381.5	325.9	269.4	223.6
-65°	581.0	526.7	477.4	436.2	393.8	349.9	302.7	263.8	229.0	192.3	155.6
-67.5°	384.4	346.4	311.7	282.1	259.2	234.6	206.6	176.7	154.2	135.0	114.6
-70°	240.6	220.0	201.0	182.3	166.8	153.3	138.1	122.0	105.9	91.5	77.0
-72.5°	147.2	137.3	127.2	117.2	106.5	97.3	87.6	76.8	65.5	53.6	44.4
-75°	86.7	80.2	73.4	67.2	60.4	53.1	48.0	43.5	38.9	34.3	29.8
-77.5°	47.0	43.7	40.7	38.3	35.6	32.7	29.3	26.5	24.8	23.0	21.2
-80°	27.4	26.6	25.6	24.5	23.4	22.4	21.3	19.9	18.4	17.0	15.7
-82.5°	18.6	17.6	16.7	16.2	15.7	15.1	14.4	13.6	12.8	12.0	11.3
-85°	11.0	10.4	9.8	9.8	9.8	9.8	9.8	9.7	9.6	9.5	9.4
-87.5°	6.3	6.4	6.4	6.9	7.3	7.7	8.1	8.1	8.0	7.9	7.9
-90°	3.2	3.7	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2



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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°	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.8	5.3	5.9
85°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.8	5.3	5.9
82.5°	4.2	4.2	4.2	4.2	4.6	4.8	4.8	4.8	5.0	5.4	5.9
80°	5.3	4.8	4.4	4.3	4.8	5.4	5.7	5.7	5.6	5.7	6.0
77.5°	6.0	5.4	4.7	4.3	4.9	5.4	6.0	6.4	6.2	6.1	6.2
75°	6.4	6.2	5.7	5.2	5.2	5.5	6.0	6.4	6.4	6.4	6.3
72.5°	7.3	6.8	6.5	6.3	6.0	5.9	6.2	6.4	6.4	6.4	6.4
70°	8.3	7.3	6.5	6.4	6.4	6.4	6.3	6.4	6.4	6.4	6.4
67.5°	9.6	8.4	7.3	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4
65°	12.7	10.1	8.4	7.4	6.7	6.4	6.4	6.4	6.4	6.4	6.4
62.5°	17.1	11.7	9.5	8.2	7.1	6.6	6.4	6.4	6.4	6.4	6.4
60°	23.1	16.0	11.3	9.6	8.0	6.7	6.5	6.4	6.4	6.4	6.4
57.5°	27.0	19.9	15.2	11.6	9.6	7.5	6.6	6.6	6.4	6.4	6.4
55°	28.7	21.5	18.0	14.1	11.3	9.2	7.3	6.9	6.5	6.4	6.5
52.5°	26.9	22.6	19.7	16.0	12.7	10.8	8.9	7.4	7.0	6.4	6.6
50°	22.3	22.6	20.8	17.5	13.7	11.6	10.3	8.5	7.5	6.6	6.7
47.5°	20.0	22.0	21.5	18.8	15.0	12.5	11.2	9.5	8.1	7.1	6.8
45°	20.9	21.2	21.9	19.9	16.6	13.9	11.9	10.5	8.9	7.8	6.9
42.5°	23.7	23.2	22.1	21.3	18.7	15.4	12.6	11.2	9.6	8.4	7.3
40°	31.3	27.5	23.9	23.5	21.2	17.0	13.9	11.8	10.2	9.0	7.8
37.5°	41.4	35.5	29.1	28.5	24.8	19.6	15.2	12.4	10.9	9.7	8.4
35°	72.9	47.0	45.4	40.2	31.3	22.6	16.4	13.1	11.7	10.2	8.9
32.5°	112.9	85.4	80.3	60.1	39.8	25.9	18.6	14.9	12.5	10.8	9.4
30°	188.8	181.0	131.0	85.4	53.4	33.8	22.3	16.9	13.4	11.4	9.8
27.5°	332.3	307.1	204.8	131.9	77.6	44.1	27.8	19.3	14.3	12.0	10.3
25°	496.1	448.7	328.7	193.8	105.3	70.2	34.1	22.0	15.8	12.7	10.7
22.5°	682.7	597.2	473.1	265.2	162.1	105.1	48.2	27.0	17.9	13.4	11.2
20°	868.7	753.8	625.9	355.2	234.0	153.5	73.3	32.4	20.0	14.1	11.5
17.5°	1061.0	883.2	708.4	463.8	308.4	205.8	102.9	38.0	22.2	14.9	11.9
15°	1216.7	968.5	780.6	557.7	378.3	261.0	135.9	43.9	24.4	15.6	12.2
12.5°	1344.4	1048.7	847.6	637.9	443.7	318.1	171.2	49.8	26.7	16.2	12.3
10°	1460.0	1123.0	909.0	705.5	504.7	375.7	207.6	55.5	29.2	16.9	12.5
7.5°	1562.5	1190.7	964.4	761.7	554.0	411.8	230.2	60.9	31.7	17.5	12.6
5°	1642.5	1244.6	999.9	778.2	558.9	420.9	247.2	65.9	34.0	18.1	12.6
2.5°	1669.9	1281.1	1021.2	783.4	559.9	424.6	260.2	70.3	36.2	18.7	12.7
0°	1679.7	1309.0	1035.8	781.6	557.1	423.6	269.0	74.1	38.1	19.1	12.7
-2.5°	1693.4	1314.9	1052.2	814.4	585.4	438.8	283.4	92.4	49.7	25.6	15.0
-5°	1691.1	1312.0	1061.9	840.0	609.0	450.1	293.5	109.7	60.7	31.7	17.2
-7.5°	1633.3	1279.0	1053.4	855.2	626.8	457.6	299.8	125.4	70.9	37.4	19.2
-10°	1551.3	1224.8	1022.0	846.3	639.3	467.2	303.6	139.3	79.9	42.4	21.0
-12.5°	1454.7	1165.2	992.7	836.0	647.6	478.5	310.6	152.6	87.8	46.5	22.5
-15°	1344.2	1101.0	968.2	825.9	651.8	485.8	312.8	164.0	95.3	50.3	23.6
-17.5°	1231.2	1033.3	950.8	817.6	652.0	489.3	310.0	172.3	101.1	54.0	25.3
-20°	1194.0	1011.1	940.0	812.6	648.5	489.0	302.2	177.1	104.9	56.6	27.4



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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°	1162.4	1031.6	939.0	804.0	642.2	484.9	289.2	178.3	106.6	57.8	28.9
-25°	1128.4	1053.6	932.6	781.9	632.4	466.6	280.7	175.5	106.0	57.7	29.7
-27.5°	1134.7	1066.2	916.2	750.1	603.0	442.1	276.6	174.3	104.0	56.2	29.8
-30°	1159.9	1040.9	877.9	710.1	567.7	401.0	267.2	170.2	102.1	55.2	29.1
-32.5°	1164.3	1003.5	824.9	666.6	520.9	358.8	248.5	162.7	98.1	54.3	28.8
-35°	1112.3	942.3	761.2	616.3	470.0	331.8	226.9	151.9	92.0	52.3	28.4
-37.5°	1054.1	866.9	700.2	560.0	418.1	300.3	207.9	138.0	83.8	49.2	27.3
-40°	964.0	790.6	638.6	502.5	375.0	264.2	185.9	124.4	77.7	44.9	25.6
-42.5°	867.2	717.2	576.3	445.0	330.7	236.4	161.9	109.1	70.5	41.4	23.2
-45°	780.8	640.3	510.2	391.4	284.0	205.4	143.0	93.3	62.2	37.8	20.9
-47.5°	689.8	562.3	443.1	332.9	246.0	174.2	122.2	83.0	53.1	33.4	19.2
-50°	598.8	482.2	373.9	281.9	204.3	149.0	102.2	71.7	46.8	28.0	17.2
-52.5°	504.4	401.3	309.4	230.4	171.0	121.8	88.5	60.0	39.8	24.2	14.9
-55°	409.2	325.2	246.7	187.1	138.2	102.4	73.7	51.0	32.1	20.9	12.4
-57.5°	322.8	249.8	195.7	148.0	112.1	84.3	60.7	41.2	26.9	17.3	12.1
-60°	240.8	194.5	149.9	117.5	90.2	67.2	48.4	32.2	22.2	14.1	11.7
-62.5°	180.4	143.6	117.5	91.3	69.8	51.7	36.4	26.2	17.1	13.3	11.2
-65°	132.3	109.3	87.1	68.4	51.1	37.4	28.8	19.8	15.0	12.4	10.6
-67.5°	94.2	77.7	62.0	46.2	36.5	28.5	20.7	16.4	13.6	11.4	10.1
-70°	62.7	49.0	40.6	33.6	26.4	20.1	17.1	14.3	12.0	10.8	9.6
-72.5°	39.2	33.8	28.2	22.5	19.6	16.8	14.3	12.3	11.2	10.1	9.0
-75°	25.3	22.7	20.4	18.1	15.6	13.5	12.4	11.5	10.5	9.5	8.8
-77.5°	19.3	17.4	15.4	14.1	13.0	12.1	11.3	10.7	9.8	9.2	8.7
-80°	14.5	13.5	12.6	11.8	11.1	10.6	10.3	9.9	9.3	8.9	8.6
-82.5°	10.7	10.4	10.2	10.0	9.8	9.5	9.3	9.0	8.7	8.5	8.3
-85°	9.2	9.1	9.0	8.8	8.7	8.5	8.3	8.2	8.0	7.8	7.7
-87.5°	7.8	7.7	7.7	7.6	7.5	7.4	7.4	7.3	7.2	7.1	7.0
-90°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.8	5.3	5.9



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
87.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
85°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
82.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
80°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
77.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
75°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
72.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
70°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
67.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
65°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
62.5°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
60°	6.4	6.4	6.4	6.4	6.4	6.4	6.4
57.5°	6.5	6.4	6.4	6.4	6.4	6.4	6.4
55°	6.6	6.4	6.4	6.4	6.4	6.4	6.4
52.5°	6.8	6.4	6.4	6.4	6.4	6.4	6.4
50°	7.0	6.6	6.4	6.4	6.4	6.4	6.4
47.5°	7.2	6.8	6.4	6.4	6.4	6.4	6.4
45°	7.3	7.1	6.4	6.4	6.4	6.4	6.4
42.5°	7.4	7.3	6.4	6.4	6.4	6.4	6.4
40°	7.5	7.6	6.5	6.4	6.4	6.4	6.4
37.5°	7.6	7.9	6.7	6.5	6.4	6.4	6.4
35°	7.7	8.0	6.9	6.5	6.4	6.4	6.4
32.5°	7.9	8.1	7.1	6.6	6.4	6.4	6.4
30°	8.3	8.2	7.4	6.7	6.4	6.4	6.4
27.5°	8.7	8.3	7.6	6.8	6.4	6.4	6.4
25°	9.1	8.4	7.8	6.9	6.4	6.4	6.4
22.5°	9.4	8.5	8.0	7.1	6.4	6.4	6.4
20°	9.8	8.5	8.1	7.2	6.4	6.4	6.4
17.5°	10.0	8.5	8.3	7.4	6.4	6.4	6.4
15°	10.2	8.5	8.3	7.5	6.4	6.4	6.4
12.5°	10.3	8.5	8.4	7.7	6.4	6.4	6.4
10°	10.4	8.5	8.5	7.9	6.4	6.4	6.4
7.5°	10.5	8.5	8.5	8.0	6.4	6.4	6.4
5°	10.6	8.5	8.5	8.2	6.4	6.4	6.4
2.5°	10.6	8.5	8.5	8.4	6.4	6.4	6.4
0°	10.6	8.5	8.5	8.5	6.4	6.4	6.4
-2.5°	11.1	8.7	8.5	8.5	6.5	6.4	6.4
-5°	11.7	9.0	8.5	8.5	6.6	6.4	6.4
-7.5°	12.1	9.2	8.5	8.5	6.7	6.4	6.4
-10°	12.5	9.4	8.5	8.4	6.8	6.4	6.4
-12.5°	12.9	9.5	8.5	8.4	6.8	6.4	6.4
-15°	13.1	9.6	8.5	8.4	6.9	6.4	6.4
-17.5°	13.3	9.7	8.5	8.3	7.0	6.4	6.4
-20°	13.9	9.8	8.5	8.3	7.0	6.4	6.4



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.0	9.8	8.5	8.3	7.1	6.4	6.4
-25°	15.7	9.9	8.5	8.3	7.1	6.4	6.4
-27.5°	16.1	10.1	8.5	8.3	7.2	6.4	6.4
-30°	16.2	10.2	8.5	8.3	7.2	6.4	6.4
-32.5°	15.8	10.1	8.6	8.3	7.2	6.4	6.4
-35°	15.5	9.8	8.7	8.3	7.2	6.4	6.4
-37.5°	15.2	9.6	8.8	8.4	7.2	6.4	6.4
-40°	14.6	9.7	8.8	8.5	7.1	6.4	6.4
-42.5°	13.8	9.7	8.9	8.5	7.1	6.4	6.4
-45°	12.7	9.7	8.9	8.5	7.0	6.4	6.4
-47.5°	11.3	9.7	8.9	8.5	6.9	6.4	6.4
-50°	11.0	9.7	8.8	8.4	6.9	6.4	6.4
-52.5°	10.9	9.6	8.8	8.2	6.8	6.4	6.4
-55°	10.7	9.4	8.7	8.0	6.7	6.4	6.4
-57.5°	10.4	9.3	8.6	7.8	6.5	6.4	6.4
-60°	10.1	9.1	8.5	7.6	6.4	6.4	6.4
-62.5°	9.8	8.9	8.3	7.4	6.4	6.4	6.4
-65°	9.4	8.6	8.1	7.2	6.4	6.4	6.4
-67.5°	9.0	8.4	7.9	7.1	6.4	6.4	6.4
-70°	8.6	8.3	7.8	6.9	6.4	6.4	6.4
-72.5°	8.5	8.2	7.6	6.8	6.4	6.4	6.4
-75°	8.5	8.1	7.4	6.8	6.4	6.4	6.4
-77.5°	8.4	8.0	7.3	6.7	6.4	6.4	6.4
-80°	8.5	7.7	7.1	6.7	6.4	6.4	6.4
-82.5°	8.0	7.4	6.9	6.6	6.4	6.4	6.4
-85°	7.5	7.1	6.8	6.5	6.4	6.4	6.4
-87.5°	6.9	6.7	6.6	6.5	6.4	6.4	6.4
-90°	6.4	6.4	6.4	6.4	6.4	6.4	6.4

(END OF REPORT)