

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: P1306315 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-80-4S-CV5-A**

Issue Date: 2/3/2026

Test Information

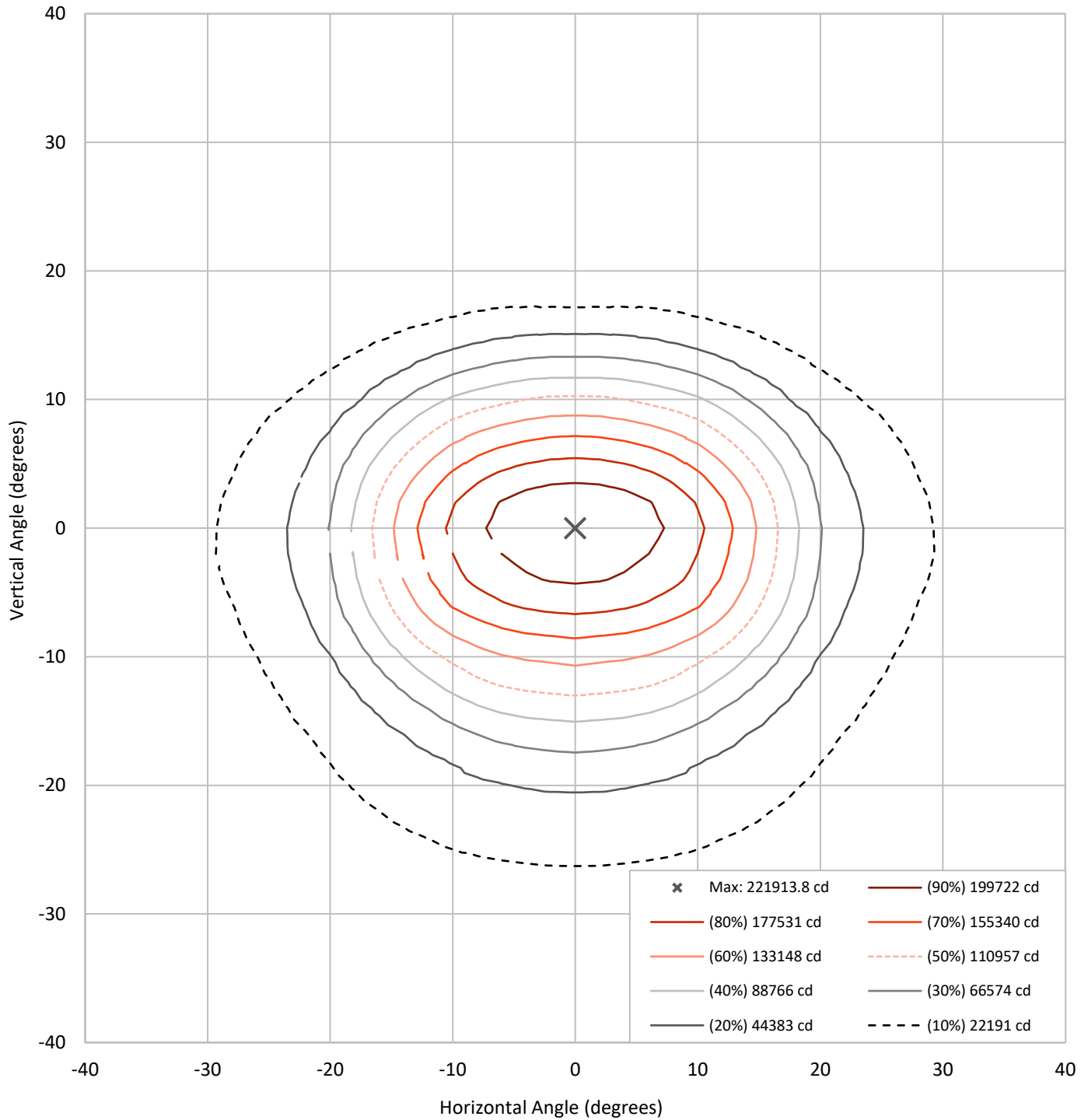
Test Method: LM-79-08
Report Number: P1306315 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-680N-40-80-4S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	58581.4 lumens	Max Intensity:	221913.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	85.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	29640.3 lumens	Field Lumens:	50521.3 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
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





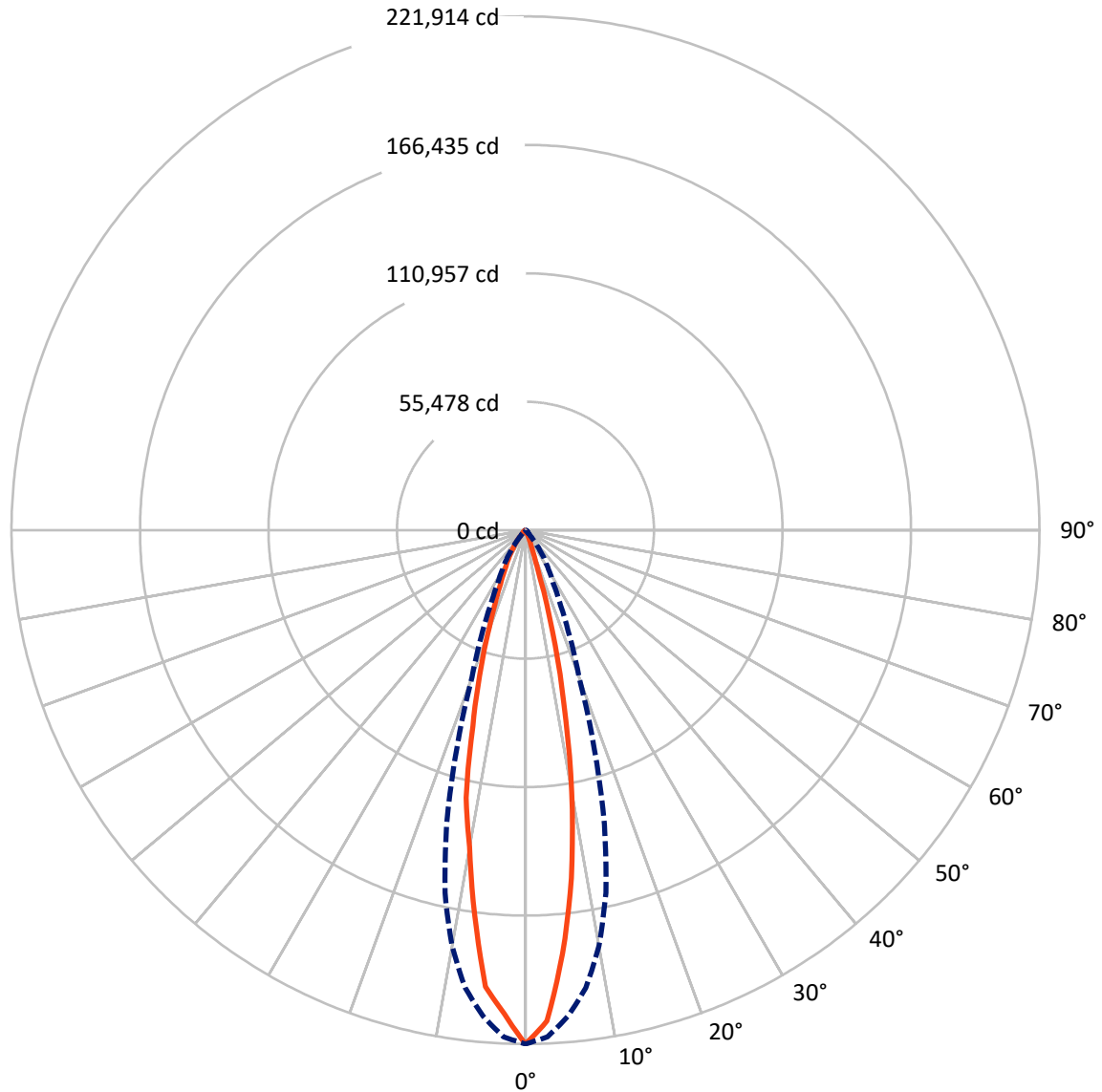
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Lumen Table

90	0.2	0.5		0.8		0.8		0.5		0.8		0.8		0.5		0.2			
80	0.2	0.5		0.8		0.8		0.5		0.8		0.8		0.5		0.2			
70	0.2	0.1	0.2	0.5	0.7	0.5	0.3	0.3	0.3	0.3	0.5	0.7	0.5	0.2	0.1	0.2			
60		0.1	0.3	0.9	0.8	0.3	0.2	0.2	0.2	0.2	0.3	0.8	0.9	0.3	0.1				
50	0.2	0.2	0.4	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.2	0.2			
40		0.2	0.6	0.9	1.3	2.5	4.6	6.7	6.7	4.6	2.5	1.3	0.9	0.6	0.2				
30	0.3	0.4	1.5	3.3	8.8	24.4	50.6	84.1	84.1	50.6	24.4	8.8	3.3	1.5	0.4	0.3			
20		1.0	5.0	13.2	79.1	247.0	752.6	1406.8	1406.8	752.6	247.0	79.1	13.2	5.0	1.0				
10	0.4	1.8	10.1	33.4	245.4	864.5	2993.0	5093.4	5093.4	2993.0	864.5	245.4	33.4	10.1	1.8	0.4			
0		2.5	12.5	40.1	273.4	953.9	3296.7	5411.8	5411.8	3296.7	953.9	273.4	40.1	12.5	2.5				
-10	0.5	2.7	11.1	28.1	162.0	525.7	1458.9	2564.0	2564.0	1458.9	525.7	162.0	28.1	11.1	2.7	0.5			
-20		2.6	9.4	18.8	67.7	262.8	541.6	788.7	788.7	541.6	262.8	67.7	18.8	9.4	2.6				
-30	0.4	2.1	7.8	14.6	27.5	81.8	185.8	263.6	263.6	185.8	81.8	27.5	14.6	7.8	2.1	0.4			
-40		1.4	5.6	12.1	19.6	29.3	42.3	55.5	55.5	42.3	29.3	19.6	12.1	5.6	1.4				
-50	0.3	0.7	2.9	7.7	13.8	19.3	23.7	26.5	26.5	23.7	19.3	13.8	7.7	2.9	0.7	0.3			
-60		0.3	1.1	2.9	5.8	9.3	12.5	14.4	14.4	12.5	9.3	5.8	2.9	1.1	0.3				
-70	0.2	0.8		2.8		7.2		10.3		7.2		2.8		0.8		0.2			
-80		0.8		2.8		7.2		10.3		7.2		2.8		0.8					
-90	0.2	0.8		2.8		7.2		10.3		7.2		2.8		0.8		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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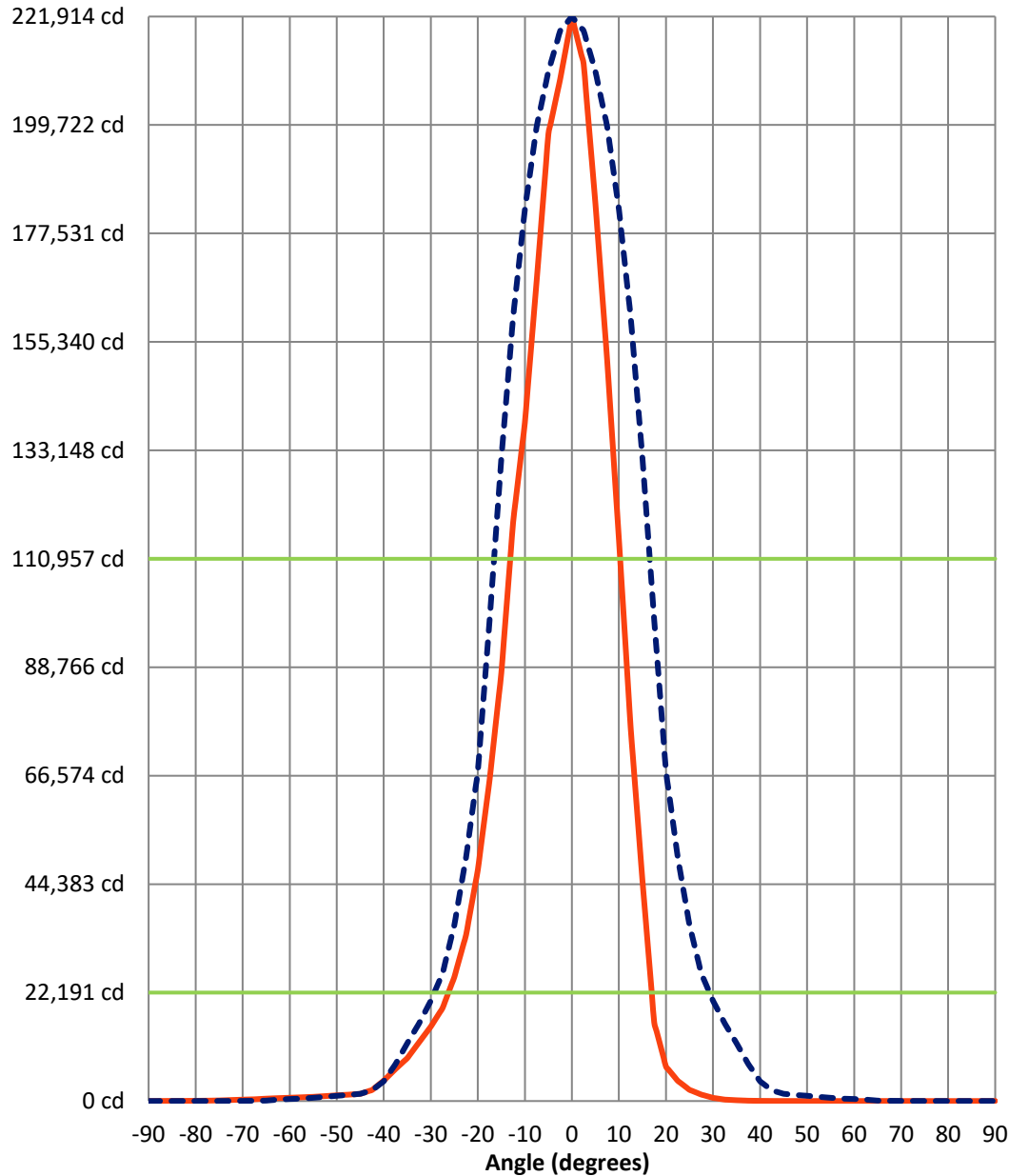
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.1°
 V Angle: 23.4°
 Lumens: 29640.3
 Efficiency: 50.6%

Field:
 H Angle: 58.5°
 V Angle: 43.2°
 Lumens: 50521.3
 Efficiency: 86.2%

Spill:
 Lumens: 8060
 Efficiency: 13.8%

— 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°	8.1	9.1	10.1	9.6	9.1	8.6	8.1	8.6	9.1	9.6	10.1
87.5°	8.1	8.2	8.3	8.4	8.4	8.5	8.6	8.6	8.4	8.3	8.1
85°	8.1	8.3	8.4	8.6	8.8	9.0	9.1	9.0	8.8	8.5	8.1
82.5°	8.1	8.4	8.6	8.9	9.1	9.4	9.6	9.5	9.2	8.8	8.7
80°	8.1	8.4	8.8	9.1	9.5	9.8	10.1	9.7	9.5	9.4	9.5
77.5°	8.1	8.5	9.0	9.4	9.8	10.1	10.1	9.9	9.8	10.0	10.1
75°	8.1	8.6	9.1	9.6	10.1	10.1	10.1	10.0	10.1	10.1	10.1
72.5°	8.1	8.7	9.3	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1
70°	8.1	8.8	9.5	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
67.5°	8.1	8.9	9.6	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
65°	8.1	8.9	9.8	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
62.5°	8.1	9.0	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
60°	8.1	9.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
57.5°	8.1	9.2	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
55°	8.1	9.2	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
52.5°	8.1	9.3	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
50°	8.1	9.4	10.1	10.1	10.1	10.1	10.1	10.2	10.1	10.1	11.0
47.5°	8.1	9.5	10.1	10.1	10.1	10.1	10.1	10.4	10.1	10.1	11.9
45°	8.1	9.5	10.1	10.1	10.1	10.1	10.3	10.5	10.2	10.7	12.7
42.5°	8.1	9.6	10.1	10.1	10.1	10.1	10.5	10.7	10.3	11.3	13.2
40°	8.1	9.6	10.1	10.1	10.1	10.1	10.7	10.8	10.6	11.8	13.6
37.5°	8.1	9.7	10.1	10.1	10.1	10.1	10.9	10.9	11.2	12.5	14.0
35°	8.1	9.7	10.1	10.1	10.1	10.2	11.2	11.0	11.8	13.4	14.4
32.5°	8.1	9.8	10.1	10.1	10.1	10.4	11.5	11.2	12.3	14.5	15.9
30°	8.1	9.8	10.1	10.1	10.1	10.7	11.6	11.4	12.9	15.8	17.6
27.5°	8.1	9.9	10.1	10.1	10.1	10.9	11.7	11.8	13.6	17.3	19.5
25°	8.1	9.9	10.1	10.1	10.1	11.1	11.8	12.3	14.7	18.9	21.8
22.5°	8.1	9.9	10.1	10.1	10.1	11.3	11.9	12.7	15.9	20.6	26.0
20°	8.1	10.0	10.1	10.1	10.1	11.5	12.1	13.1	17.2	22.5	30.6
17.5°	8.1	10.0	10.1	10.1	10.1	11.6	12.2	13.4	18.5	24.4	35.3
15°	8.1	10.0	10.1	10.1	10.1	11.8	12.4	14.0	19.8	26.4	40.2
12.5°	8.1	10.1	10.1	10.1	10.1	11.9	12.7	15.0	21.6	28.4	45.1
10°	8.1	10.1	10.1	10.1	10.1	11.9	13.0	16.0	23.9	32.6	51.5
7.5°	8.1	10.1	10.1	10.1	10.1	12.0	13.3	17.1	26.2	37.1	61.2
5°	8.1	10.1	10.1	10.1	10.1	12.1	13.6	18.2	28.4	41.7	70.9
2.5°	8.1	10.1	10.1	10.1	10.1	12.1	13.9	19.2	30.5	46.3	80.2
0°	8.1	10.1	10.1	10.1	10.1	12.1	13.9	19.2	30.5	46.3	80.2
-2.5°	8.1	10.1	10.1	10.1	10.1	12.3	15.5	23.0	38.2	61.3	105.2
-5°	8.1	10.1	10.1	10.1	10.1	12.5	16.8	25.7	43.6	71.4	120.2
-7.5°	8.1	10.1	10.1	10.1	10.1	12.7	18.0	28.2	48.6	80.7	133.8
-10°	8.1	10.1	10.1	10.1	10.1	12.8	19.0	30.4	53.0	88.9	145.8
-12.5°	8.1	10.1	10.1	10.1	10.1	12.9	19.8	32.4	56.7	96.0	156.4
-15°	8.1	10.0	10.1	10.1	10.1	12.9	20.4	33.9	60.1	102.8	165.2
-17.5°	8.1	10.0	10.1	10.1	10.1	12.9	20.8	35.6	63.4	107.9	171.7
-20°	8.1	10.0	10.1	10.1	10.1	12.8	21.2	37.1	65.4	111.3	175.8



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 CATALOG NUMBER: EPH-08-680N-40-80-4S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.1	10.0	10.1	10.1	10.1	12.6	21.6	38.2	66.1	112.8	177.3
-25°	8.1	10.0	10.1	10.1	10.1	12.6	21.7	38.7	65.4	112.2	176.1
-27.5°	8.1	9.9	10.1	10.1	10.1	12.6	21.4	38.6	63.3	110.3	175.0
-30°	8.1	9.9	10.1	10.1	10.1	12.4	20.6	37.9	61.9	107.7	171.3
-32.5°	8.1	9.9	10.1	10.1	10.3	12.1	19.4	37.0	60.9	103.0	164.6
-35°	8.1	9.8	10.1	10.1	10.4	11.6	18.7	35.5	59.1	96.1	155.0
-37.5°	8.1	9.8	10.1	10.1	10.6	11.2	18.0	33.3	56.4	87.0	139.7
-40°	8.1	9.8	10.1	10.1	10.7	11.4	17.2	30.5	52.8	81.2	124.3
-42.5°	8.1	9.8	10.1	10.1	10.8	11.5	16.0	26.9	48.7	74.4	107.8
-45°	8.1	9.7	10.1	10.2	10.9	11.7	14.6	23.8	43.9	66.7	91.5
-47.5°	8.1	9.7	10.1	10.2	10.9	11.9	12.9	21.8	38.1	58.1	81.8
-50°	8.1	9.7	10.1	10.2	11.0	12.0	12.8	19.4	30.7	49.7	71.2
-52.5°	8.1	9.6	10.1	10.3	11.0	12.1	13.0	16.7	25.9	40.8	59.8
-55°	8.1	9.6	10.1	10.3	10.9	12.1	13.1	14.0	22.1	31.3	49.1
-57.5°	8.1	9.6	10.1	10.3	10.9	12.0	13.3	14.2	18.3	25.8	37.7
-60°	8.1	9.5	10.1	10.2	10.8	11.9	13.4	14.3	15.1	21.5	28.2
-62.5°	8.1	9.5	10.1	10.2	10.8	11.7	13.1	14.2	14.9	17.2	23.5
-65°	8.1	9.5	10.1	10.2	10.7	11.5	12.8	14.0	14.6	15.8	18.8
-67.5°	8.1	9.4	10.1	10.2	10.5	11.3	12.4	13.5	14.2	15.1	16.6
-70°	8.1	9.4	10.1	10.1	10.4	11.0	12.0	12.9	13.5	14.2	15.3
-72.5°	8.1	9.4	10.1	10.1	10.3	10.8	11.6	12.3	12.9	13.5	14.0
-75°	8.1	9.3	10.1	10.0	10.1	10.5	11.1	11.7	12.2	12.7	13.2
-77.5°	8.1	9.3	10.1	9.9	10.0	10.2	10.6	11.1	11.5	11.9	12.3
-80°	8.1	9.3	10.1	9.9	9.8	9.9	10.2	10.5	10.8	11.1	11.5
-82.5°	8.1	9.2	10.1	9.8	9.6	9.6	9.7	9.9	10.1	10.4	10.6
-85°	8.1	9.2	10.1	9.7	9.5	9.3	9.1	9.5	9.8	10.0	10.1
-87.5°	8.1	9.1	10.1	9.7	9.3	8.9	8.6	9.0	9.4	9.8	10.1
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	9.6	9.1	8.6	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.6	7.1	6.6
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.8	7.6	7.5
82.5°	8.7	8.6	8.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	9.4	9.2	8.7	8.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	9.7	9.2	8.7	8.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1
75°	9.8	9.3	8.8	8.3	8.1	8.1	8.2	8.5	8.8	8.8	8.6
72.5°	9.8	9.3	8.8	8.4	8.5	9.0	9.5	9.9	10.4	10.7	11.0
70°	9.9	9.4	9.2	9.3	9.7	10.3	11.2	12.3	13.4	14.1	15.4
67.5°	10.0	9.7	9.8	10.2	10.9	11.9	13.2	15.9	18.6	20.3	21.9
65°	10.1	10.0	10.3	11.0	12.0	14.6	17.6	20.8	25.8	28.7	29.9
62.5°	10.1	10.2	10.8	12.3	15.1	18.3	22.4	28.0	34.8	39.4	39.6
60°	10.1	10.3	12.0	14.9	18.1	22.1	27.5	35.2	45.1	52.6	47.9
57.5°	10.1	11.3	14.1	17.2	20.7	25.2	32.4	42.1	51.5	61.5	52.7
55°	10.6	12.9	15.8	18.9	22.9	27.8	35.2	43.4	53.7	56.7	46.7
52.5°	12.0	14.3	16.7	20.1	24.5	28.9	33.6	40.7	43.9	44.5	37.1
50°	13.2	15.0	17.2	21.0	25.2	28.3	29.4	33.5	33.8	30.6	26.6
47.5°	13.9	15.6	17.4	21.4	25.3	27.1	26.6	25.6	23.5	21.7	16.9
45°	14.5	16.2	17.9	21.9	25.1	25.7	23.4	18.5	19.3	17.2	16.0
42.5°	15.0	16.8	19.5	22.6	24.6	24.4	21.1	19.5	18.2	17.8	17.3
40°	15.5	17.3	21.4	24.1	24.6	23.9	24.0	22.9	19.7	21.0	21.2
37.5°	15.9	19.3	24.1	28.2	25.4	26.8	28.6	29.1	27.4	26.7	29.5
35°	16.3	21.4	29.5	34.0	31.4	32.4	36.2	37.8	38.2	38.1	40.2
32.5°	17.6	23.7	36.6	41.0	42.2	42.9	45.6	49.5	53.9	55.8	53.4
30°	20.5	30.3	44.9	49.6	54.8	62.4	60.7	63.7	73.6	77.7	81.4
27.5°	25.1	39.0	53.1	61.1	70.5	87.7	93.9	87.6	96.1	104.2	116.3
25°	30.4	60.8	62.3	74.2	95.3	121.3	137.8	145.0	126.1	140.1	172.8
22.5°	42.2	89.4	95.1	88.2	124.1	162.4	195.0	212.5	210.2	196.6	240.5
20°	63.1	118.3	133.6	136.4	163.8	209.5	260.4	290.1	318.1	367.1	495.7
17.5°	87.5	150.3	174.4	198.9	248.5	289.1	332.7	376.7	443.4	589.0	1025.4
15°	114.6	184.8	217.1	266.7	340.6	408.6	461.7	501.2	618.9	924.1	1695.7
12.5°	143.5	221.2	261.1	338.6	437.7	534.2	609.4	689.1	887.2	1487.4	2761.6
10°	173.2	258.6	305.9	412.8	537.9	663.8	761.4	881.3	1190.9	2125.0	3925.0
7.5°	206.3	298.6	351.6	487.9	639.4	795.1	915.3	1075.0	1500.8	2769.3	5095.7
5°	238.3	340.4	400.3	552.7	724.8	910.5	1059.0	1266.5	1807.3	3393.9	6233.3
2.5°	267.7	380.9	448.0	611.9	796.5	998.2	1157.1	1381.0	2019.7	3804.2	7070.7
0°	293.6	419.2	494.1	666.2	862.6	1079.3	1249.4	1486.3	2191.0	4051.8	7571.1
-2.5°	303.5	433.9	513.0	680.0	871.8	1093.1	1266.4	1495.4	2243.5	4152.2	7644.8
-5°	309.1	445.3	529.6	688.9	875.0	1098.4	1276.3	1495.3	2230.3	4065.3	7285.5
-7.5°	310.9	452.9	543.7	690.1	858.5	1063.1	1226.4	1416.8	2054.6	3705.9	6510.7
-10°	309.1	451.7	539.5	664.7	815.6	1001.1	1159.5	1331.1	1851.9	3255.0	5649.1
-12.5°	303.5	443.5	531.4	637.8	771.2	934.6	1089.3	1239.7	1626.8	2718.4	4761.8
-15°	295.8	433.7	523.0	610.4	726.5	864.7	1016.8	1143.7	1392.6	2145.8	3881.0
-17.5°	286.8	422.9	514.5	583.6	682.8	792.3	946.0	1063.7	1219.8	1780.8	3172.3
-20°	276.8	411.4	506.6	558.1	642.0	737.4	877.8	997.4	1129.4	1493.0	2412.3



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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°	266.4	399.6	495.0	543.9	615.2	699.6	809.2	927.3	1037.6	1175.3	1767.1
-25°	261.2	382.4	477.8	534.2	590.2	662.9	742.9	853.6	952.2	1084.6	1426.0
-27.5°	258.7	366.2	457.5	523.4	565.8	629.4	695.7	781.2	893.9	1011.0	1134.7
-30°	252.7	342.2	436.6	508.3	550.3	602.0	657.6	730.2	838.0	946.0	1055.3
-32.5°	237.8	316.6	409.8	484.1	536.2	576.3	630.3	696.8	783.4	882.6	980.8
-35°	218.6	294.2	379.3	460.0	520.0	559.0	607.9	665.2	732.9	821.8	926.7
-37.5°	199.5	269.4	347.5	431.1	493.8	545.2	584.3	636.3	695.1	765.6	868.8
-40°	178.1	242.1	316.9	395.3	468.7	525.1	568.7	608.0	658.8	728.0	801.9
-42.5°	155.1	216.1	284.6	358.0	431.0	495.7	550.9	588.0	631.2	691.1	758.5
-45°	135.7	187.7	250.3	317.9	386.7	457.9	516.7	570.6	610.0	655.5	715.5
-47.5°	115.1	159.2	216.1	275.3	340.0	406.8	475.5	532.7	588.2	629.8	672.2
-50°	95.9	135.3	179.0	234.0	291.1	353.3	417.3	485.1	543.4	597.1	643.3
-52.5°	82.8	110.3	149.0	192.4	243.7	297.6	357.6	419.8	483.9	545.0	593.1
-55°	68.8	92.1	119.4	156.2	197.5	245.0	296.5	353.7	410.3	470.1	525.0
-57.5°	55.2	75.2	96.4	122.3	157.1	194.2	239.7	287.3	339.1	390.3	433.9
-60°	41.8	59.1	78.0	97.2	118.6	151.1	184.1	224.2	268.2	310.7	349.1
-62.5°	29.4	43.6	60.1	77.3	94.6	111.5	138.0	167.9	198.0	233.9	267.4
-65°	24.4	30.4	42.5	57.7	73.3	88.9	104.1	118.9	143.8	169.1	192.7
-67.5°	19.4	24.7	30.3	37.8	51.6	65.5	79.9	93.5	106.6	119.4	134.2
-70°	17.2	19.4	23.8	28.9	34.0	41.0	53.2	65.7	78.8	91.8	103.1
-72.5°	15.5	17.6	19.6	21.7	25.9	30.2	34.5	38.7	46.8	58.0	69.4
-75°	14.2	15.8	17.6	19.5	21.3	23.1	25.3	29.0	32.7	36.6	40.4
-77.5°	12.9	14.0	15.4	17.1	18.7	20.1	21.5	23.2	24.9	26.8	28.8
-80°	11.8	12.1	12.8	13.8	15.1	16.5	17.8	19.0	20.3	21.6	22.9
-82.5°	10.9	11.1	11.3	11.5	12.1	12.9	13.8	14.9	15.6	16.3	17.0
-85°	10.1	10.1	10.2	10.4	10.6	11.0	11.3	11.8	12.0	12.3	12.5
-87.5°	9.8	9.6	9.4	9.2	9.3	9.4	9.5	9.5	9.6	9.6	9.7
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.6	7.1	6.6



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.1	9.1	10.1	11.1	12.1	13.1	14.1	15.2	16.2	17.2	18.2
87.5°	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.5	4.0	3.5	3.0
85°	7.4	7.1	6.8	6.5	6.1	5.6	5.1	4.5	4.0	3.5	3.0
82.5°	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.6	4.0	3.5	3.0
80°	8.1	7.7	7.2	6.7	6.2	5.6	5.1	4.6	4.0	3.5	3.0
77.5°	8.1	7.7	7.2	6.7	6.2	5.7	5.1	4.6	4.1	3.9	3.9
75°	8.3	7.9	7.8	7.6	7.2	6.8	6.5	6.1	5.8	5.4	5.0
72.5°	11.2	11.1	10.8	10.6	10.0	9.5	9.1	8.5	7.9	7.4	7.0
70°	16.6	17.2	16.7	15.6	13.8	12.4	11.6	10.8	9.9	9.1	8.2
67.5°	23.1	23.0	21.4	19.3	16.4	13.9	12.8	11.7	10.6	10.0	9.9
65°	29.8	27.9	25.1	21.7	17.8	14.0	12.9	11.8	10.7	10.1	10.1
62.5°	37.4	31.2	25.2	20.7	17.1	14.0	12.5	11.1	9.6	8.7	8.5
60°	40.2	29.8	21.5	17.9	14.9	12.4	10.9	9.7	8.7	8.1	8.1
57.5°	38.9	26.6	17.3	14.4	12.1	10.6	9.5	8.5	7.6	6.8	6.5
55°	33.2	21.7	13.0	11.1	10.0	8.9	7.9	7.3	6.7	6.1	6.1
52.5°	24.4	16.6	11.6	9.8	9.2	8.6	8.0	7.8	7.6	7.4	7.2
50°	17.9	12.9	11.1	9.9	9.6	9.5	9.8	9.8	9.7	9.4	9.1
47.5°	14.5	12.6	11.4	10.2	10.5	11.4	11.8	11.8	11.7	11.5	11.2
45°	14.1	13.0	12.3	13.0	13.6	14.2	14.2	13.9	14.5	14.7	14.4
42.5°	15.5	15.7	16.9	17.8	17.1	18.3	19.5	19.4	20.4	21.1	21.1
40°	21.8	21.2	24.4	25.3	25.7	26.9	30.4	30.1	31.6	35.9	36.7
37.5°	31.3	33.0	35.1	37.1	42.4	45.9	52.7	58.1	61.0	69.1	75.4
35°	44.1	48.5	49.8	60.5	71.5	81.9	91.4	102.8	107.7	125.8	138.3
32.5°	62.5	71.6	83.9	101.6	122.6	147.5	146.5	184.4	198.2	235.2	277.8
30°	87.4	112.9	153.3	181.3	232.9	273.4	293.8	353.1	432.7	508.9	612.5
27.5°	142.1	195.7	268.9	365.4	415.7	476.8	569.0	639.8	821.7	995.3	1122.8
25°	244.5	356.9	494.9	637.5	726.8	806.7	975.5	1099.3	1357.0	1550.4	1826.5
22.5°	467.5	707.6	882.4	988.3	1179.8	1430.2	1551.8	1892.1	2274.3	2762.2	3165.4
20°	787.8	1165.6	1555.1	1793.0	2011.7	2564.5	2806.8	3444.4	4256.8	5174.9	5940.2
17.5°	1541.5	1886.7	2679.6	3452.2	4033.5	4579.3	6111.3	7205.7	9329.6	11929.2	13128.2
15°	2766.0	3730.9	4656.2	6057.6	7540.8	9190.9	11594.9	15745.4	20958.5	26643.0	32791.5
12.5°	4484.2	6245.5	7900.7	9664.8	11788.1	15842.6	21323.8	28572.9	37939.8	47989.5	59593.4
10°	6414.4	9095.0	11512.6	14176.0	17946.1	23969.6	32093.9	43276.7	59957.6	77008.6	91798.7
7.5°	8143.1	11389.5	14668.8	18523.8	24499.9	33102.8	44791.3	62251.7	84035.3	105136.1	123127.9
5°	9799.5	13592.0	17329.7	21924.6	29456.3	40683.9	55810.9	79764.7	107303.0	130716.0	150434.1
2.5°	11090.1	15315.4	19592.7	24996.7	33589.6	46364.2	63545.6	92538.4	125776.0	151742.0	174288.6
0°	11829.5	15881.4	20524.5	26123.4	36011.0	49926.2	67546.9	98418.7	131519.9	160375.9	182409.9
-2.5°	11684.7	15930.5	20677.3	26341.3	35713.3	49073.1	66443.3	95892.7	128838.6	154851.9	176202.5
-5°	10947.1	14831.6	19016.6	23985.9	32255.5	44428.9	61484.0	89158.5	119734.1	145753.6	167453.2
-7.5°	9796.8	13231.9	16875.0	21200.2	28194.0	38786.6	53446.6	74994.6	102084.8	125650.3	141914.5
-10°	8541.3	11563.9	14851.6	18765.7	24281.8	32585.8	43693.5	59259.3	81415.6	101052.2	116138.5
-12.5°	7351.0	10098.8	12958.7	16227.0	20402.3	26942.8	35384.9	47006.0	61288.5	77430.0	92839.8
-15°	6209.4	8622.4	11118.1	14143.5	17774.5	22212.0	27887.3	35706.2	45089.6	55669.1	67081.7
-17.5°	5122.6	7241.4	9589.5	12231.1	15231.6	18621.9	23381.6	28743.3	34700.3	41593.6	48129.0
-20°	4018.8	5976.5	8107.2	10459.0	13151.0	16241.7	19628.5	23655.9	27965.7	32675.4	37564.3



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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°	3067.3	4735.5	6599.7	8740.7	11268.2	13992.5	16619.6	19263.1	22451.5	25557.7	28677.3
-25°	2147.9	3470.8	5211.4	7258.1	9404.1	11681.1	13630.9	15494.2	17708.4	19699.7	21773.5
-27.5°	1579.7	2488.6	3928.1	5743.3	7667.9	9229.7	10871.2	12399.6	14002.9	15266.8	16727.5
-30°	1204.6	1727.9	2797.6	4213.5	5757.7	7118.6	8385.4	9769.5	11087.7	12185.0	13103.3
-32.5°	1098.7	1298.0	1839.5	2825.8	3942.1	5149.6	6245.7	7450.4	8556.2	9468.9	10199.9
-35°	1032.5	1140.7	1298.5	1796.4	2450.9	3404.3	4318.9	5305.5	6222.1	6975.0	7580.3
-37.5°	976.1	1071.0	1164.1	1257.6	1618.2	2020.3	2680.4	3394.6	4013.7	4702.2	5239.6
-40°	906.0	1012.5	1087.8	1164.7	1251.3	1351.9	1700.2	2013.0	2363.1	2849.2	3251.5
-42.5°	829.1	919.0	1012.8	1088.1	1154.9	1225.9	1304.7	1383.0	1544.0	1748.3	1914.6
-45°	778.7	837.9	906.0	991.5	1069.5	1128.7	1187.3	1244.1	1297.9	1346.2	1386.7
-47.5°	724.3	774.6	829.8	888.5	946.3	1012.0	1073.7	1125.2	1166.0	1205.0	1239.8
-50°	675.8	713.0	759.6	805.3	850.8	897.5	943.5	983.3	1022.7	1058.2	1092.8
-52.5°	636.7	668.0	698.6	729.2	766.2	802.2	836.3	866.9	894.8	919.1	944.7
-55°	570.8	610.2	649.4	676.6	700.0	722.6	745.0	770.3	792.5	811.5	829.4
-57.5°	481.2	529.0	572.6	604.5	634.8	663.2	683.0	697.5	711.6	725.0	737.2
-60°	386.2	422.0	463.7	504.8	542.5	576.8	598.9	617.7	633.6	646.9	658.7
-62.5°	298.4	329.1	363.2	396.3	426.8	456.9	486.2	511.8	533.7	552.2	567.5
-65°	217.4	244.2	273.2	301.2	328.1	354.6	378.9	401.0	421.0	438.9	455.4
-67.5°	154.8	174.4	195.5	214.4	235.8	259.0	281.9	302.5	320.7	335.1	345.9
-70°	113.8	124.9	138.8	155.1	172.8	189.5	205.9	221.7	236.8	249.8	261.4
-72.5°	80.9	92.4	103.4	113.7	124.6	135.6	146.8	158.4	170.3	180.3	188.9
-75°	44.4	50.1	59.4	68.5	77.2	85.6	93.1	99.6	105.3	110.0	114.1
-77.5°	31.5	35.3	39.2	42.9	46.6	51.0	55.6	60.2	64.8	68.5	71.9
-80°	24.4	26.4	28.7	31.2	33.7	36.7	39.8	43.0	46.2	48.4	50.5
-82.5°	17.9	19.4	20.9	22.5	23.9	25.9	27.8	29.7	31.5	32.8	34.0
-85°	12.7	13.7	14.8	15.9	17.0	18.7	20.5	22.2	23.8	25.0	26.1
-87.5°	9.7	10.4	11.0	11.5	12.1	13.6	15.1	16.6	18.1	18.7	19.2
-90°	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.5	4.0	3.5	3.0



REPORT NUMBER: P1306315 (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°	19.2	20.2	20.2	20.2	20.2	20.2	19.2	18.2	17.2	16.2	15.2
87.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.5
85°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.5
82.5°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.6
80°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.6
77.5°	3.9	4.0	3.0	2.0	3.0	4.0	3.9	3.9	3.9	4.1	4.6
75°	4.5	4.0	3.0	2.0	3.0	4.0	4.5	5.0	5.4	5.8	6.1
72.5°	6.5	6.1	6.1	6.1	6.1	6.1	6.5	7.0	7.4	7.9	8.5
70°	7.2	6.2	6.1	6.1	6.1	6.2	7.2	8.2	9.1	9.9	10.8
67.5°	9.9	10.0	10.1	10.1	10.1	10.0	9.9	9.9	10.0	10.6	11.7
65°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.7	11.8
62.5°	8.3	8.2	8.1	8.1	8.1	8.2	8.3	8.5	8.7	9.6	11.1
60°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.7	9.7
57.5°	6.3	6.2	6.1	6.1	6.1	6.2	6.3	6.5	6.8	7.6	8.5
55°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.7	7.3
52.5°	6.9	6.3	6.1	6.1	6.1	6.3	6.9	7.2	7.4	7.6	7.8
50°	8.7	8.3	8.1	8.1	8.1	8.3	8.7	9.1	9.4	9.7	9.8
47.5°	10.8	10.3	10.1	10.1	10.1	10.3	10.8	11.2	11.5	11.7	11.8
45°	13.8	12.7	12.1	12.1	12.1	12.7	13.8	14.4	14.7	14.5	13.9
42.5°	20.9	20.4	20.0	20.2	20.0	20.4	20.9	21.1	21.1	20.4	19.4
40°	38.4	39.5	40.0	40.5	40.0	39.5	38.4	36.7	35.9	31.6	30.1
37.5°	78.9	77.4	73.9	74.9	73.9	77.4	78.9	75.4	69.1	61.0	58.1
35°	146.5	155.3	161.5	166.0	161.5	155.3	146.5	138.3	125.8	107.7	102.8
32.5°	293.5	305.5	302.1	295.6	302.1	305.5	293.5	277.8	235.2	198.2	184.4
30°	673.6	708.8	699.3	658.1	699.3	708.8	673.6	612.5	508.9	432.7	353.1
27.5°	1214.3	1299.3	1354.7	1326.3	1354.7	1299.3	1214.3	1122.8	995.3	821.7	639.8
25°	2064.6	2229.6	2347.7	2298.3	2347.7	2229.6	2064.6	1826.5	1550.4	1357.0	1099.3
22.5°	3671.0	3942.0	4102.9	4145.0	4102.9	3942.0	3671.0	3165.4	2762.2	2274.3	1892.1
20°	6902.9	7118.9	7161.8	7054.8	7161.8	7118.9	6902.9	5940.2	5174.9	4256.8	3444.4
17.5°	16609.2	17606.8	16875.5	16108.2	16875.5	17606.8	16609.2	13128.2	11929.2	9329.6	7205.7
15°	37994.4	42207.2	44607.1	45096.8	44607.1	42207.2	37994.4	32791.5	26643.0	20958.5	15745.4
12.5°	66948.3	73737.4	76539.1	76277.4	76539.1	73737.4	66948.3	59593.4	47989.5	37939.8	28572.9
10°	101286.0	108544.4	114789.6	114852.8	114789.6	108544.4	101286.0	91798.7	77008.6	59957.6	43276.7
7.5°	135615.9	143986.6	149862.0	151538.1	149862.0	143986.6	135615.9	123127.9	105136.1	84035.3	62251.7
5°	165669.5	176032.9	181865.9	183647.1	181865.9	176032.9	165669.5	150434.1	130716.0	107303.0	79764.7
2.5°	192092.6	204788.3	211185.6	212180.1	211185.6	204788.3	192092.6	174288.6	151742.0	125776.0	92538.4
0°	199362.5	210679.6	218964.6	221913.8	218964.6	210679.6	199362.5	182409.9	160375.9	131519.9	98418.7
-2.5°	192195.4	202096.7	207034.6	209094.1	207034.6	202096.7	192195.4	176202.5	154851.9	128838.6	95892.7
-5°	180866.5	190106.7	196395.5	197851.8	196395.5	190106.7	180866.5	167453.2	145753.6	119734.1	89158.5
-7.5°	152641.6	161736.6	164562.3	167765.7	164562.3	161736.6	152641.6	141914.5	125650.3	102084.8	74994.6
-10°	127535.0	134610.2	136556.2	138825.7	136556.2	134610.2	127535.0	116138.5	101052.2	81415.6	59259.3
-12.5°	105524.3	112532.6	115705.2	118420.7	115705.2	112532.6	105524.3	92839.8	77430.0	61288.5	47006.0
-15°	77310.8	83897.8	86173.1	87642.1	86173.1	83897.8	77310.8	67081.7	55669.1	45089.6	35706.2
-17.5°	56002.6	61019.2	64000.2	65728.6	64000.2	61019.2	56002.6	48129.0	41593.6	34700.3	28743.3
-20°	41861.8	44736.6	47045.9	47299.9	47045.9	44736.6	41861.8	37564.3	32675.4	27965.7	23655.9



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	31290.9	33003.4	34066.5	34002.3	34066.5	33003.4	31290.9	28677.3	25557.7	22451.5	19263.1
-25°	23355.0	24506.2	25238.5	25370.1	25238.5	24506.2	23355.0	21773.5	19699.7	17708.4	15494.2
-27.5°	17773.1	18583.7	19003.7	19026.0	19003.7	18583.7	17773.1	16727.5	15266.8	14002.9	12399.6
-30°	13769.8	14444.9	14892.7	15235.4	14892.7	14444.9	13769.8	13103.3	12185.0	11087.7	9769.5
-32.5°	10814.3	11390.5	11781.2	12013.8	11781.2	11390.5	10814.3	10199.9	9468.9	8556.2	7450.4
-35°	8107.5	8568.9	8845.1	8776.0	8845.1	8568.9	8107.5	7580.3	6975.0	6222.1	5305.5
-37.5°	5712.9	6104.1	6382.5	6558.7	6382.5	6104.1	5712.9	5239.6	4702.2	4013.7	3394.6
-40°	3599.7	3870.3	4062.8	4185.5	4062.8	3870.3	3599.7	3251.5	2849.2	2363.1	2013.0
-42.5°	2050.1	2151.3	2219.3	2255.7	2219.3	2151.3	2050.1	1914.6	1748.3	1544.0	1383.0
-45°	1417.9	1443.2	1461.4	1472.1	1461.4	1443.2	1417.9	1386.7	1346.2	1297.9	1244.1
-47.5°	1267.1	1287.8	1301.2	1308.1	1301.2	1287.8	1267.1	1239.8	1205.0	1166.0	1125.2
-50°	1124.0	1149.4	1164.7	1170.4	1164.7	1149.4	1124.0	1092.8	1058.2	1022.7	983.3
-52.5°	968.6	989.2	1003.0	1010.4	1003.0	989.2	968.6	944.7	919.1	894.8	866.9
-55°	845.2	858.3	865.1	866.7	865.1	858.3	845.2	829.4	811.5	792.5	770.3
-57.5°	747.5	756.0	762.7	767.4	762.7	756.0	747.5	737.2	725.0	711.6	697.5
-60°	668.2	675.5	679.3	680.4	679.3	675.5	668.2	658.7	646.9	633.6	617.7
-62.5°	579.3	588.0	594.8	599.4	594.8	588.0	579.3	567.5	552.2	533.7	511.8
-65°	470.4	483.6	490.5	494.1	490.5	483.6	470.4	455.4	438.9	421.0	401.0
-67.5°	354.5	361.2	362.9	362.5	362.9	361.2	354.5	345.9	335.1	320.7	302.5
-70°	272.3	282.2	285.8	287.5	285.8	282.2	272.3	261.4	249.8	236.8	221.7
-72.5°	196.8	203.8	207.9	210.6	207.9	203.8	196.8	188.9	180.3	170.3	158.4
-75°	117.5	120.4	122.2	123.5	122.2	120.4	117.5	114.1	110.0	105.3	99.6
-77.5°	75.3	78.4	79.9	81.0	79.9	78.4	75.3	71.9	68.5	64.8	60.2
-80°	52.5	54.4	54.6	54.7	54.6	54.4	52.5	50.5	48.4	46.2	43.0
-82.5°	35.2	36.3	36.4	36.4	36.4	36.3	35.2	34.0	32.8	31.5	29.7
-85°	27.2	28.2	28.3	28.3	28.3	28.2	27.2	26.1	25.0	23.8	22.2
-87.5°	19.7	20.2	21.2	22.3	21.2	20.2	19.7	19.2	18.7	18.1	16.6
-90°	2.5	2.0	1.0	0.0	1.0	2.0	2.5	3.0	3.5	4.0	4.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	14.1	13.1	12.1	11.1	10.1	9.1	8.1	8.1	8.1	8.1	8.1
87.5°	5.1	5.6	6.1	6.1	6.1	6.1	6.1	6.6	7.1	7.6	8.1
85°	5.1	5.6	6.1	6.5	6.8	7.1	7.4	7.5	7.6	7.8	8.1
82.5°	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.1	8.1	8.1	8.1
80°	5.1	5.6	6.2	6.7	7.2	7.7	8.1	8.1	8.1	8.1	8.1
77.5°	5.1	5.7	6.2	6.7	7.2	7.7	8.1	8.1	8.1	8.1	8.1
75°	6.5	6.8	7.2	7.6	7.8	7.9	8.3	8.6	8.8	8.8	8.5
72.5°	9.1	9.5	10.0	10.6	10.8	11.1	11.2	11.0	10.7	10.4	9.9
70°	11.6	12.4	13.8	15.6	16.7	17.2	16.6	15.4	14.1	13.4	12.3
67.5°	12.8	13.9	16.4	19.3	21.4	23.0	23.1	21.9	20.3	18.6	15.9
65°	12.9	14.0	17.8	21.7	25.1	27.9	29.8	29.9	28.7	25.8	20.8
62.5°	12.5	14.0	17.1	20.7	25.2	31.2	37.4	39.6	39.4	34.8	28.0
60°	10.9	12.4	14.9	17.9	21.5	29.8	40.2	47.9	52.6	45.1	35.2
57.5°	9.5	10.6	12.1	14.4	17.3	26.6	38.9	52.7	61.5	51.5	42.1
55°	7.9	8.9	10.0	11.1	13.0	21.7	33.2	46.7	56.7	53.7	43.4
52.5°	8.0	8.6	9.2	9.8	11.6	16.6	24.4	37.1	44.5	43.9	40.7
50°	9.8	9.5	9.6	9.9	11.1	12.9	17.9	26.6	30.6	33.8	33.5
47.5°	11.8	11.4	10.5	10.2	11.4	12.6	14.5	16.9	21.7	23.5	25.6
45°	14.2	14.2	13.6	13.0	12.3	13.0	14.1	16.0	17.2	19.3	18.5
42.5°	19.5	18.3	17.1	17.8	16.9	15.7	15.5	17.3	17.8	18.2	19.5
40°	30.4	26.9	25.7	25.3	24.4	21.2	21.8	21.2	21.0	19.7	22.9
37.5°	52.7	45.9	42.4	37.1	35.1	33.0	31.3	29.5	26.7	27.4	29.1
35°	91.4	81.9	71.5	60.5	49.8	48.5	44.1	40.2	38.1	38.2	37.8
32.5°	146.5	147.5	122.6	101.6	83.9	71.6	62.5	53.4	55.8	53.9	49.5
30°	293.8	273.4	232.9	181.3	153.3	112.9	87.4	81.4	77.7	73.6	63.7
27.5°	569.0	476.8	415.7	365.4	268.9	195.7	142.1	116.3	104.2	96.1	87.6
25°	975.5	806.7	726.8	637.5	494.9	356.9	244.5	172.8	140.1	126.1	145.0
22.5°	1551.8	1430.2	1179.8	988.3	882.4	707.6	467.5	240.5	196.6	210.2	212.5
20°	2806.8	2564.5	2011.7	1793.0	1555.1	1165.6	787.8	495.7	367.1	318.1	290.1
17.5°	6111.3	4579.3	4033.5	3452.2	2679.6	1886.7	1541.5	1025.4	589.0	443.4	376.7
15°	11594.9	9190.9	7540.8	6057.6	4656.2	3730.9	2766.0	1695.7	924.1	618.9	501.2
12.5°	21323.8	15842.6	11788.1	9664.8	7900.7	6245.5	4484.2	2761.6	1487.4	887.2	689.1
10°	32093.9	23969.6	17946.1	14176.0	11512.6	9095.0	6414.4	3925.0	2125.0	1190.9	881.3
7.5°	44791.3	33102.8	24499.9	18523.8	14668.8	11389.5	8143.1	5095.7	2769.3	1500.8	1075.0
5°	55810.9	40683.9	29456.3	21924.6	17329.7	13592.0	9799.5	6233.3	3393.9	1807.3	1266.5
2.5°	63545.6	46364.2	33589.6	24996.7	19592.7	15315.4	11090.1	7070.7	3804.2	2019.7	1381.0
0°	67546.9	49926.2	36011.0	26123.4	20524.5	15881.4	11829.5	7571.1	4051.8	2191.0	1486.3
-2.5°	66443.3	49073.1	35713.3	26341.3	20677.3	15930.5	11684.7	7644.8	4152.2	2243.5	1495.4
-5°	61484.0	44428.9	32255.5	23985.9	19016.6	14831.6	10947.1	7285.5	4065.3	2230.3	1495.3
-7.5°	53446.6	38786.6	28194.0	21200.2	16875.0	13231.9	9796.8	6510.7	3705.9	2054.6	1416.8
-10°	43693.5	32585.8	24281.8	18765.7	14851.6	11563.9	8541.3	5649.1	3255.0	1851.9	1331.1
-12.5°	35384.9	26942.8	20402.3	16227.0	12958.7	10098.8	7351.0	4761.8	2718.4	1626.8	1239.7
-15°	27887.3	22212.0	17774.5	14143.5	11118.1	8622.4	6209.4	3881.0	2145.8	1392.6	1143.7
-17.5°	23381.6	18621.9	15231.6	12231.1	9589.5	7241.4	5122.6	3172.3	1780.8	1219.8	1063.7
-20°	19628.5	16241.7	13151.0	10459.0	8107.2	5976.5	4018.8	2412.3	1493.0	1129.4	997.4



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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°	16619.6	13992.5	11268.2	8740.7	6599.7	4735.5	3067.3	1767.1	1175.3	1037.6	927.3
-25°	13630.9	11681.1	9404.1	7258.1	5211.4	3470.8	2147.9	1426.0	1084.6	952.2	853.6
-27.5°	10871.2	9229.7	7667.9	5743.3	3928.1	2488.6	1579.7	1134.7	1011.0	893.9	781.2
-30°	8385.4	7118.6	5757.7	4213.5	2797.6	1727.9	1204.6	1055.3	946.0	838.0	730.2
-32.5°	6245.7	5149.6	3942.1	2825.8	1839.5	1298.0	1098.7	980.8	882.6	783.4	696.8
-35°	4318.9	3404.3	2450.9	1796.4	1298.5	1140.7	1032.5	926.7	821.8	732.9	665.2
-37.5°	2680.4	2020.3	1618.2	1257.6	1164.1	1071.0	976.1	868.8	765.6	695.1	636.3
-40°	1700.2	1351.9	1251.3	1164.7	1087.8	1012.5	906.0	801.9	728.0	658.8	608.0
-42.5°	1304.7	1225.9	1154.9	1088.1	1012.8	919.0	829.1	758.5	691.1	631.2	588.0
-45°	1187.3	1128.7	1069.5	991.5	906.0	837.9	778.7	715.5	655.5	610.0	570.6
-47.5°	1073.7	1012.0	946.3	888.5	829.8	774.6	724.3	672.2	629.8	588.2	532.7
-50°	943.5	897.5	850.8	805.3	759.6	713.0	675.8	643.3	597.1	543.4	485.1
-52.5°	836.3	802.2	766.2	729.2	698.6	668.0	636.7	593.1	545.0	483.9	419.8
-55°	745.0	722.6	700.0	676.6	649.4	610.2	570.8	525.0	470.1	410.3	353.7
-57.5°	683.0	663.2	634.8	604.5	572.6	529.0	481.2	433.9	390.3	339.1	287.3
-60°	598.9	576.8	542.5	504.8	463.7	422.0	386.2	349.1	310.7	268.2	224.2
-62.5°	486.2	456.9	426.8	396.3	363.2	329.1	298.4	267.4	233.9	198.0	167.9
-65°	378.9	354.6	328.1	301.2	273.2	244.2	217.4	192.7	169.1	143.8	118.9
-67.5°	281.9	259.0	235.8	214.4	195.5	174.4	154.8	134.2	119.4	106.6	93.5
-70°	205.9	189.5	172.8	155.1	138.8	124.9	113.8	103.1	91.8	78.8	65.7
-72.5°	146.8	135.6	124.6	113.7	103.4	92.4	80.9	69.4	58.0	46.8	38.7
-75°	93.1	85.6	77.2	68.5	59.4	50.1	44.4	40.4	36.6	32.7	29.0
-77.5°	55.6	51.0	46.6	42.9	39.2	35.3	31.5	28.8	26.8	24.9	23.2
-80°	39.8	36.7	33.7	31.2	28.7	26.4	24.4	22.9	21.6	20.3	19.0
-82.5°	27.8	25.9	23.9	22.5	20.9	19.4	17.9	17.0	16.3	15.6	14.9
-85°	20.5	18.7	17.0	15.9	14.8	13.7	12.7	12.5	12.3	12.0	11.8
-87.5°	15.1	13.6	12.1	11.5	11.0	10.4	9.7	9.7	9.6	9.6	9.5
-90°	5.1	5.6	6.1	6.1	6.1	6.1	6.1	6.6	7.1	7.6	8.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	8.1	8.1	8.1	8.1	8.6	9.1	9.6	10.1	9.6	9.1	8.6
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.3	8.4	8.6
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.5	8.8	9.0
82.5°	8.1	8.1	8.1	8.1	8.4	8.6	8.7	8.7	8.8	9.2	9.5
80°	8.1	8.1	8.1	8.2	8.7	9.2	9.4	9.5	9.4	9.5	9.7
77.5°	8.1	8.1	8.1	8.2	8.7	9.2	9.7	10.1	10.0	9.8	9.9
75°	8.2	8.1	8.1	8.3	8.8	9.3	9.8	10.1	10.1	10.1	10.0
72.5°	9.5	9.0	8.5	8.4	8.8	9.3	9.8	10.1	10.1	10.1	10.1
70°	11.2	10.3	9.7	9.3	9.2	9.4	9.9	10.1	10.1	10.1	10.1
67.5°	13.2	11.9	10.9	10.2	9.8	9.7	10.0	10.1	10.1	10.1	10.1
65°	17.6	14.6	12.0	11.0	10.3	10.0	10.1	10.1	10.1	10.1	10.1
62.5°	22.4	18.3	15.1	12.3	10.8	10.2	10.1	10.1	10.1	10.1	10.1
60°	27.5	22.1	18.1	14.9	12.0	10.3	10.1	10.1	10.1	10.1	10.1
57.5°	32.4	25.2	20.7	17.2	14.1	11.3	10.1	10.1	10.1	10.1	10.1
55°	35.2	27.8	22.9	18.9	15.8	12.9	10.6	10.1	10.1	10.1	10.1
52.5°	33.6	28.9	24.5	20.1	16.7	14.3	12.0	10.1	10.1	10.1	10.1
50°	29.4	28.3	25.2	21.0	17.2	15.0	13.2	11.0	10.1	10.1	10.2
47.5°	26.6	27.1	25.3	21.4	17.4	15.6	13.9	11.9	10.1	10.1	10.4
45°	23.4	25.7	25.1	21.9	17.9	16.2	14.5	12.7	10.7	10.2	10.5
42.5°	21.1	24.4	24.6	22.6	19.5	16.8	15.0	13.2	11.3	10.3	10.7
40°	24.0	23.9	24.6	24.1	21.4	17.3	15.5	13.6	11.8	10.6	10.8
37.5°	28.6	26.8	25.4	28.2	24.1	19.3	15.9	14.0	12.5	11.2	10.9
35°	36.2	32.4	31.4	34.0	29.5	21.4	16.3	14.4	13.4	11.8	11.0
32.5°	45.6	42.9	42.2	41.0	36.6	23.7	17.6	15.9	14.5	12.3	11.2
30°	60.7	62.4	54.8	49.6	44.9	30.3	20.5	17.6	15.8	12.9	11.4
27.5°	93.9	87.7	70.5	61.1	53.1	39.0	25.1	19.5	17.3	13.6	11.8
25°	137.8	121.3	95.3	74.2	62.3	60.8	30.4	21.8	18.9	14.7	12.3
22.5°	195.0	162.4	124.1	88.2	95.1	89.4	42.2	26.0	20.6	15.9	12.7
20°	260.4	209.5	163.8	136.4	133.6	118.3	63.1	30.6	22.5	17.2	13.1
17.5°	332.7	289.1	248.5	198.9	174.4	150.3	87.5	35.3	24.4	18.5	13.4
15°	461.7	408.6	340.6	266.7	217.1	184.8	114.6	40.2	26.4	19.8	14.0
12.5°	609.4	534.2	437.7	338.6	261.1	221.2	143.5	45.1	28.4	21.6	15.0
10°	761.4	663.8	537.9	412.8	305.9	258.6	173.2	51.5	32.6	23.9	16.0
7.5°	915.3	795.1	639.4	487.9	351.6	298.6	206.3	61.2	37.1	26.2	17.1
5°	1059.0	910.5	724.8	552.7	400.3	340.4	238.3	70.9	41.7	28.4	18.2
2.5°	1157.1	998.2	796.5	611.9	448.0	380.9	267.7	80.2	46.3	30.5	19.2
0°	1249.4	1079.3	862.6	666.2	494.1	419.2	293.6	89.1	50.6	32.4	20.2
-2.5°	1266.4	1093.1	871.8	680.0	513.0	433.9	303.5	105.2	61.3	38.2	23.0
-5°	1276.3	1098.4	875.0	688.9	529.6	445.3	309.1	120.2	71.4	43.6	25.7
-7.5°	1226.4	1063.1	858.5	690.1	543.7	452.9	310.9	133.8	80.7	48.6	28.2
-10°	1159.5	1001.1	815.6	664.7	539.5	451.7	309.1	145.8	88.9	53.0	30.4
-12.5°	1089.3	934.6	771.2	637.8	531.4	443.5	303.5	156.4	96.0	56.7	32.4
-15°	1016.8	864.7	726.5	610.4	523.0	433.7	295.8	165.2	102.8	60.1	33.9
-17.5°	946.0	792.3	682.8	583.6	514.5	422.9	286.8	171.7	107.9	63.4	35.6
-20°	877.8	737.4	642.0	558.1	506.6	411.4	276.8	175.8	111.3	65.4	37.1



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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°	809.2	699.6	615.2	543.9	495.0	399.6	266.4	177.3	112.8	66.1	38.2
-25°	742.9	662.9	590.2	534.2	477.8	382.4	261.2	176.1	112.2	65.4	38.7
-27.5°	695.7	629.4	565.8	523.4	457.5	366.2	258.7	175.0	110.3	63.3	38.6
-30°	657.6	602.0	550.3	508.3	436.6	342.2	252.7	171.3	107.7	61.9	37.9
-32.5°	630.3	576.3	536.2	484.1	409.8	316.6	237.8	164.6	103.0	60.9	37.0
-35°	607.9	559.0	520.0	460.0	379.3	294.2	218.6	155.0	96.1	59.1	35.5
-37.5°	584.3	545.2	493.8	431.1	347.5	269.4	199.5	139.7	87.0	56.4	33.3
-40°	568.7	525.1	468.7	395.3	316.9	242.1	178.1	124.3	81.2	52.8	30.5
-42.5°	550.9	495.7	431.0	358.0	284.6	216.1	155.1	107.8	74.4	48.7	26.9
-45°	516.7	457.9	386.7	317.9	250.3	187.7	135.7	91.5	66.7	43.9	23.8
-47.5°	475.5	406.8	340.0	275.3	216.1	159.2	115.1	81.8	58.1	38.1	21.8
-50°	417.3	353.3	291.1	234.0	179.0	135.3	95.9	71.2	49.7	30.7	19.4
-52.5°	357.6	297.6	243.7	192.4	149.0	110.3	82.8	59.8	40.8	25.9	16.7
-55°	296.5	245.0	197.5	156.2	119.4	92.1	68.8	49.1	31.3	22.1	14.0
-57.5°	239.7	194.2	157.1	122.3	96.4	75.2	55.2	37.7	25.8	18.3	14.2
-60°	184.1	151.1	118.6	97.2	78.0	59.1	41.8	28.2	21.5	15.1	14.3
-62.5°	138.0	111.5	94.6	77.3	60.1	43.6	29.4	23.5	17.2	14.9	14.2
-65°	104.1	88.9	73.3	57.7	42.5	30.4	24.4	18.8	15.8	14.6	14.0
-67.5°	79.9	65.5	51.6	37.8	30.3	24.7	19.4	16.6	15.1	14.2	13.5
-70°	53.2	41.0	34.0	28.9	23.8	19.4	17.2	15.3	14.2	13.5	12.9
-72.5°	34.5	30.2	25.9	21.7	19.6	17.6	15.5	14.0	13.5	12.9	12.3
-75°	25.3	23.1	21.3	19.5	17.6	15.8	14.2	13.2	12.7	12.2	11.7
-77.5°	21.5	20.1	18.7	17.1	15.4	14.0	12.9	12.3	11.9	11.5	11.1
-80°	17.8	16.5	15.1	13.8	12.8	12.1	11.8	11.5	11.1	10.8	10.5
-82.5°	13.8	12.9	12.1	11.5	11.3	11.1	10.9	10.6	10.4	10.1	9.9
-85°	11.3	11.0	10.6	10.4	10.2	10.1	10.1	10.1	10.0	9.8	9.5
-87.5°	9.5	9.4	9.3	9.2	9.4	9.6	9.8	10.1	9.8	9.4	9.0
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.1	8.6	9.1	9.6	10.1	9.1	8.1
87.5°	8.6	8.5	8.4	8.4	8.3	8.2	8.1
85°	9.1	9.0	8.8	8.6	8.4	8.3	8.1
82.5°	9.6	9.4	9.1	8.9	8.6	8.4	8.1
80°	10.1	9.8	9.5	9.1	8.8	8.4	8.1
77.5°	10.1	10.1	9.8	9.4	9.0	8.5	8.1
75°	10.1	10.1	10.1	9.6	9.1	8.6	8.1
72.5°	10.1	10.1	10.1	9.9	9.3	8.7	8.1
70°	10.1	10.1	10.1	10.1	9.5	8.8	8.1
67.5°	10.1	10.1	10.1	10.1	9.6	8.9	8.1
65°	10.1	10.1	10.1	10.1	9.8	8.9	8.1
62.5°	10.1	10.1	10.1	10.1	9.9	9.0	8.1
60°	10.1	10.1	10.1	10.1	10.1	9.1	8.1
57.5°	10.1	10.1	10.1	10.1	10.1	9.2	8.1
55°	10.1	10.1	10.1	10.1	10.1	9.2	8.1
52.5°	10.1	10.1	10.1	10.1	10.1	9.3	8.1
50°	10.1	10.1	10.1	10.1	10.1	9.4	8.1
47.5°	10.1	10.1	10.1	10.1	10.1	9.5	8.1
45°	10.3	10.1	10.1	10.1	10.1	9.5	8.1
42.5°	10.5	10.1	10.1	10.1	10.1	9.6	8.1
40°	10.7	10.1	10.1	10.1	10.1	9.6	8.1
37.5°	10.9	10.1	10.1	10.1	10.1	9.7	8.1
35°	11.2	10.2	10.1	10.1	10.1	9.7	8.1
32.5°	11.5	10.4	10.1	10.1	10.1	9.8	8.1
30°	11.6	10.7	10.1	10.1	10.1	9.8	8.1
27.5°	11.7	10.9	10.1	10.1	10.1	9.9	8.1
25°	11.8	11.1	10.1	10.1	10.1	9.9	8.1
22.5°	11.9	11.3	10.1	10.1	10.1	9.9	8.1
20°	12.1	11.5	10.1	10.1	10.1	10.0	8.1
17.5°	12.2	11.6	10.1	10.1	10.1	10.0	8.1
15°	12.4	11.8	10.1	10.1	10.1	10.0	8.1
12.5°	12.7	11.9	10.1	10.1	10.1	10.1	8.1
10°	13.0	11.9	10.1	10.1	10.1	10.1	8.1
7.5°	13.3	12.0	10.1	10.1	10.1	10.1	8.1
5°	13.6	12.1	10.1	10.1	10.1	10.1	8.1
2.5°	13.9	12.1	10.1	10.1	10.1	10.1	8.1
0°	14.2	12.1	10.1	10.1	10.1	10.1	8.1
-2.5°	15.5	12.3	10.1	10.1	10.1	10.1	8.1
-5°	16.8	12.5	10.1	10.1	10.1	10.1	8.1
-7.5°	18.0	12.7	10.1	10.1	10.1	10.1	8.1
-10°	19.0	12.8	10.1	10.1	10.1	10.1	8.1
-12.5°	19.8	12.9	10.1	10.1	10.1	10.1	8.1
-15°	20.4	12.9	10.1	10.1	10.1	10.0	8.1
-17.5°	20.8	12.9	10.1	10.1	10.1	10.0	8.1
-20°	21.2	12.8	10.1	10.1	10.1	10.0	8.1



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.6	12.6	10.1	10.1	10.1	10.0	8.1
-25°	21.7	12.6	10.1	10.1	10.1	10.0	8.1
-27.5°	21.4	12.6	10.1	10.1	10.1	9.9	8.1
-30°	20.6	12.4	10.1	10.1	10.1	9.9	8.1
-32.5°	19.4	12.1	10.3	10.1	10.1	9.9	8.1
-35°	18.7	11.6	10.4	10.1	10.1	9.8	8.1
-37.5°	18.0	11.2	10.6	10.1	10.1	9.8	8.1
-40°	17.2	11.4	10.7	10.1	10.1	9.8	8.1
-42.5°	16.0	11.5	10.8	10.1	10.1	9.8	8.1
-45°	14.6	11.7	10.9	10.2	10.1	9.7	8.1
-47.5°	12.9	11.9	10.9	10.2	10.1	9.7	8.1
-50°	12.8	12.0	11.0	10.2	10.1	9.7	8.1
-52.5°	13.0	12.1	11.0	10.3	10.1	9.6	8.1
-55°	13.1	12.1	10.9	10.3	10.1	9.6	8.1
-57.5°	13.3	12.0	10.9	10.3	10.1	9.6	8.1
-60°	13.4	11.9	10.8	10.2	10.1	9.5	8.1
-62.5°	13.1	11.7	10.8	10.2	10.1	9.5	8.1
-65°	12.8	11.5	10.7	10.2	10.1	9.5	8.1
-67.5°	12.4	11.3	10.5	10.2	10.1	9.4	8.1
-70°	12.0	11.0	10.4	10.1	10.1	9.4	8.1
-72.5°	11.6	10.8	10.3	10.1	10.1	9.4	8.1
-75°	11.1	10.5	10.1	10.0	10.1	9.3	8.1
-77.5°	10.6	10.2	10.0	9.9	10.1	9.3	8.1
-80°	10.2	9.9	9.8	9.9	10.1	9.3	8.1
-82.5°	9.7	9.6	9.6	9.8	10.1	9.2	8.1
-85°	9.1	9.3	9.5	9.7	10.1	9.2	8.1
-87.5°	8.6	8.9	9.3	9.7	10.1	9.1	8.1
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1

(END OF REPORT)