

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: P1306017 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-80-2S-CV1-A**

Issue Date: 2/3/2026

Test Information

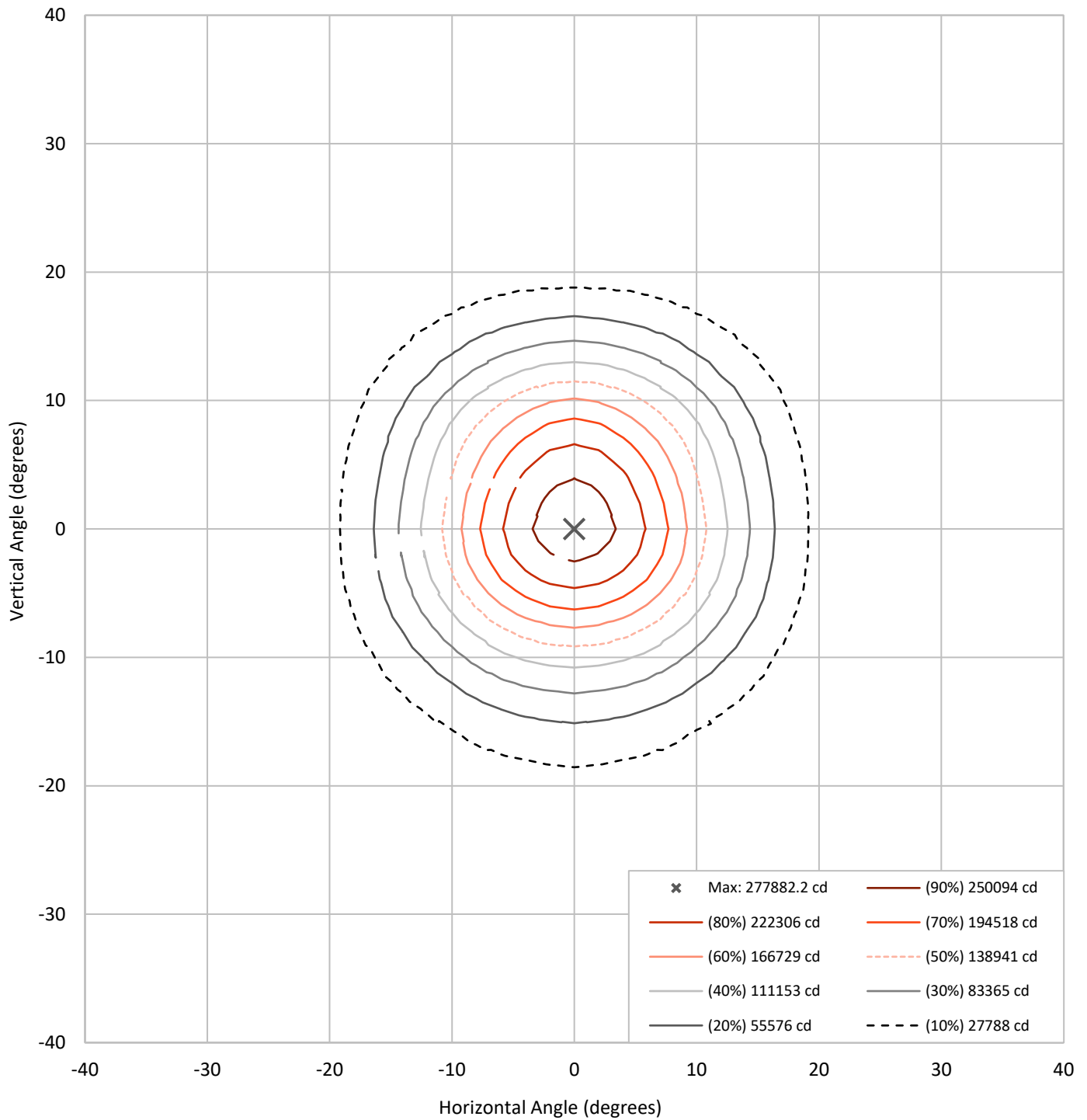
Test Method: LM-79-08
Report Number: P1306017 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-40-80-2S-CV1-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 80 CRI LEDS AND 2S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	44933.8 lumens	Max Intensity:	277882.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.6°H x 20.7°V	Field Angle (10%):	38.3°H x 37.3°V
Beam Lumens:	20865.2 lumens	Field Lumens:	37986 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%
Input Watts (W):	340		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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Iso-Candela Plot



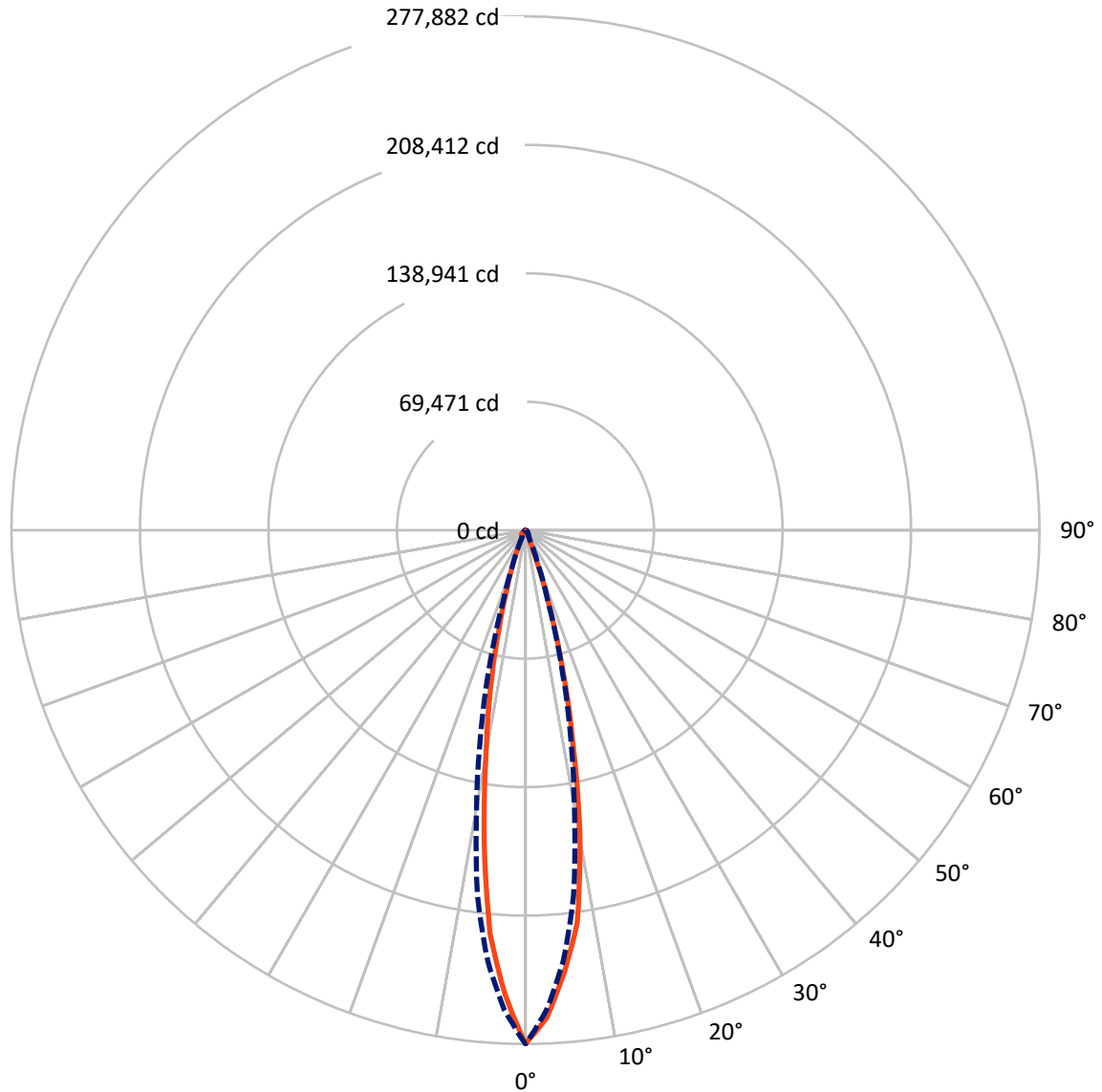
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Lumen Table

90	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1						
80	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1						
70	0.1	0.0	0.1	0.4	0.4	0.2	0.1	0.1	0.1	0.1	0.2	0.4	0.4	0.1	0.0	0.1	
60		0.1	0.2	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.2	0.1		
50	0.1	0.1	0.2	0.3	0.4	0.6	1.0	0.7	0.7	1.0	0.6	0.4	0.3	0.2	0.1	0.1	
40		0.2	0.6	1.6	3.0	4.3	6.0	7.2	7.2	6.0	4.3	3.0	1.6	0.6	0.2		
30	0.1	0.3	2.9	9.1	21.5	32.6	56.5	107.0	107.0	56.5	32.6	21.5	9.1	2.9	0.3	0.1	
20		0.8	6.0	24.0	55.0	102.9	672.3	2083.2	2083.2	672.3	102.9	55.0	24.0	6.0	0.8		
10	0.2	1.3	7.8	32.2	65.4	206.2	1975.9	5921.8	5921.8	1975.9	206.2	65.4	32.2	7.8	1.3	0.2	
0		1.6	8.4	32.3	65.2	196.6	1858.4	5385.8	5385.8	1858.4	196.6	65.2	32.3	8.4	1.6		
-10	0.4	1.9	8.0	25.9	55.1	95.6	546.7	1583.0	1583.0	546.7	95.6	55.1	25.9	8.0	1.9	0.4	
-20		2.0	7.5	18.4	49.4	73.8	112.1	216.7	216.7	112.1	73.8	49.4	18.4	7.5	2.0		
-30	0.3	1.7	6.5	13.8	34.5	71.6	93.1	104.0	104.0	93.1	71.6	34.5	13.8	6.5	1.7	0.3	
-40		1.2	4.9	11.3	20.4	34.5	59.0	78.7	78.7	59.0	34.5	20.4	11.3	4.9	1.2		
-50	0.2	0.6	2.9	7.5	14.5	22.0	28.6	32.4	32.4	28.6	22.0	14.5	7.5	2.9	0.6	0.2	
-60		0.3	1.0	3.1	6.4	10.2	14.1	16.3	16.3	14.1	10.2	6.4	3.1	1.0	0.3		
-70	0.1	0.6	2.9	7.5	14.5	22.0	28.6	32.4	32.4	28.6	22.0	14.5	7.5	2.9	0.6	0.1	
-80		0.3	1.0	3.1	6.4	10.2	14.1	16.3	16.3	14.1	10.2	6.4	3.1	1.0	0.3		
-90	0.1	0.7	2.2	5.0	6.8	5.0	2.2	0.7	0.1								

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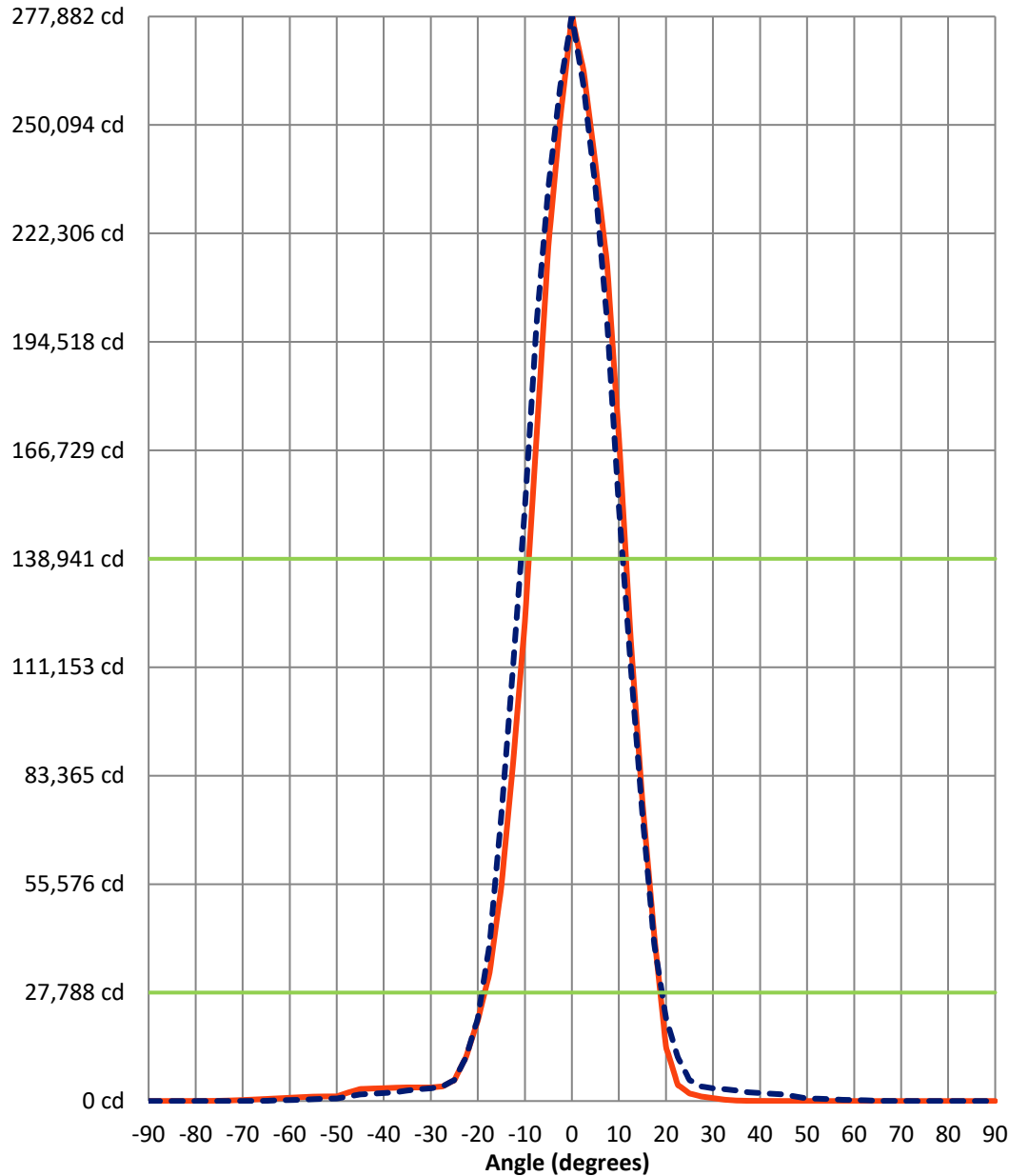
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 21.6°
 V Angle: 20.7°
 Lumens: 20865.2
 Efficiency: 46.4%

Field:
 H Angle: 38.3°
 V Angle: 37.3°
 Lumens: 37986
 Efficiency: 84.5%

Spill:
 Lumens: 6947.7
 Efficiency: 15.5%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	3.3	3.9	4.4	4.7	5.0	5.2	5.5	5.8	6.1	6.3	6.6
87.5°	3.3	3.3	3.3	3.1	2.8	2.7	2.5	2.4	2.4	2.3	2.2
85°	3.3	3.3	3.3	3.1	2.9	2.8	2.8	2.7	2.6	2.4	2.2
82.5°	3.3	3.4	3.3	3.1	3.0	3.0	3.1	3.0	2.8	2.6	2.5
80°	3.3	3.4	3.3	3.2	3.1	3.2	3.3	3.1	3.0	2.9	3.0
77.5°	3.3	3.4	3.3	3.2	3.2	3.3	3.3	3.2	3.1	3.2	3.3
75°	3.3	3.4	3.3	3.2	3.3	3.4	3.3	3.3	3.3	3.3	3.3
72.5°	3.3	3.5	3.3	3.3	3.4	3.5	3.4	3.3	3.3	3.3	3.3
70°	3.3	3.5	3.3	3.3	3.5	3.5	3.4	3.3	3.3	3.3	3.3
67.5°	3.3	3.5	3.4	3.4	3.6	3.6	3.4	3.3	3.3	3.5	3.4
65°	3.3	3.6	3.4	3.5	3.7	3.7	3.4	3.3	3.5	3.7	3.5
62.5°	3.3	3.6	3.4	3.7	3.9	3.7	3.5	3.5	3.8	3.8	3.6
60°	3.3	3.6	3.4	3.8	4.0	3.8	3.5	3.8	4.1	3.9	3.6
57.5°	3.3	3.6	3.5	3.9	4.0	3.8	3.8	4.1	4.2	3.9	4.0
55°	3.3	3.7	3.6	4.0	4.0	3.8	4.0	4.4	4.2	4.1	4.4
52.5°	3.3	3.7	3.7	4.1	4.1	3.9	4.3	4.5	4.3	4.5	4.9
50°	3.3	3.7	3.8	4.2	4.1	4.1	4.6	4.6	4.4	4.9	6.0
47.5°	3.3	3.8	3.9	4.3	4.1	4.3	4.8	4.6	4.8	5.3	7.0
45°	3.3	3.8	3.9	4.4	4.2	4.5	4.9	4.7	5.2	6.1	7.9
42.5°	3.3	3.8	4.0	4.4	4.2	4.8	4.9	4.9	5.6	6.7	9.1
40°	3.3	3.9	4.1	4.4	4.3	5.0	5.0	5.3	6.1	7.3	10.3
37.5°	3.3	3.9	4.1	4.4	4.5	5.2	5.0	5.7	6.7	8.2	11.5
35°	3.3	3.9	4.2	4.5	4.6	5.3	5.1	6.1	7.3	9.5	12.4
32.5°	3.3	4.0	4.2	4.5	4.8	5.3	5.2	6.5	7.9	10.9	13.8
30°	3.3	4.0	4.3	4.6	4.9	5.4	5.6	6.9	8.5	12.2	15.2
27.5°	3.3	4.1	4.3	4.6	5.0	5.4	5.9	7.4	9.3	13.6	16.8
25°	3.3	4.1	4.3	4.7	5.1	5.5	6.2	7.8	10.4	14.9	18.5
22.5°	3.3	4.1	4.3	4.8	5.2	5.5	6.5	8.3	11.4	16.2	21.5
20°	3.3	4.2	4.4	4.8	5.3	5.6	6.8	8.7	12.5	17.6	24.8
17.5°	3.3	4.2	4.4	4.9	5.4	5.7	7.2	9.1	13.5	18.9	28.5
15°	3.3	4.2	4.4	5.0	5.4	5.8	7.5	9.4	14.5	20.2	32.4
12.5°	3.3	4.3	4.4	5.1	5.5	5.9	7.7	9.8	15.3	21.5	36.4
10°	3.3	4.3	4.4	5.2	5.5	6.1	8.0	10.1	16.0	23.2	40.5
7.5°	3.3	4.3	4.4	5.3	5.5	6.2	8.2	10.3	16.5	24.9	44.6
5°	3.3	4.3	4.4	5.3	5.5	6.3	8.5	10.6	17.0	26.6	48.4
2.5°	3.3	4.4	4.4	5.4	5.5	6.5	8.6	10.8	17.3	28.2	51.9
0°	3.3	4.4	4.4	5.5	5.5	6.6	8.8	11.0	17.6	29.7	55.0
-2.5°	3.3	4.4	4.4	5.6	5.7	7.0	9.7	13.6	22.9	39.1	68.6
-5°	3.3	4.4	4.5	5.6	5.9	7.3	10.5	16.0	28.0	48.1	81.4
-7.5°	3.3	4.5	4.5	5.7	6.1	7.6	11.3	18.4	32.8	56.5	93.2
-10°	3.3	4.5	4.6	5.7	6.2	7.9	11.9	20.4	37.0	64.0	103.9
-12.5°	3.3	4.5	4.6	5.8	6.4	8.2	12.5	22.2	40.7	70.5	113.0
-15°	3.3	4.5	4.7	5.8	6.6	8.5	13.0	23.6	44.3	76.0	120.4
-17.5°	3.3	4.5	4.7	5.8	6.7	8.7	13.4	25.2	47.8	80.6	126.0
-20°	3.3	4.5	4.8	5.9	6.8	8.8	13.8	26.8	50.5	84.3	129.7



REPORT NUMBER: P1306017 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-40-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	3.3	4.5	4.8	5.9	6.9	9.0	14.3	27.8	52.2	86.8	131.2
-25°	3.3	4.5	4.9	5.9	7.0	9.1	14.6	28.0	52.9	88.3	130.5
-27.5°	3.3	4.5	4.9	5.9	7.1	9.2	14.5	27.5	52.4	88.8	131.5
-30°	3.3	4.5	5.0	5.9	7.1	9.3	14.0	26.3	51.6	88.1	131.2
-32.5°	3.3	4.5	5.0	5.9	7.2	9.3	13.2	25.5	50.1	85.9	129.4
-35°	3.3	4.5	5.0	5.9	7.3	9.2	12.8	24.5	47.5	82.1	126.2
-37.5°	3.3	4.5	5.1	5.8	7.3	9.1	12.7	23.0	43.6	76.7	118.4
-40°	3.3	4.5	5.1	5.8	7.3	9.1	12.5	20.9	38.5	70.9	108.7
-42.5°	3.3	4.5	5.1	5.8	7.3	9.1	12.2	18.2	34.5	62.8	97.5
-45°	3.3	4.5	5.2	5.7	7.3	9.1	11.7	16.1	30.8	53.6	85.2
-47.5°	3.3	4.4	5.2	5.7	7.2	9.1	11.2	15.5	26.3	43.4	73.5
-50°	3.3	4.4	5.2	5.7	7.2	9.0	11.0	14.7	20.9	37.1	60.6
-52.5°	3.3	4.4	5.3	5.8	7.1	8.8	10.9	13.8	18.3	30.3	47.3
-55°	3.3	4.4	5.3	5.8	7.0	8.7	10.6	12.9	17.0	23.0	38.8
-57.5°	3.3	4.4	5.3	5.8	6.9	8.5	10.4	12.5	15.5	19.9	29.7
-60°	3.3	4.3	5.4	5.8	6.7	8.3	10.1	12.1	14.1	18.0	22.5
-62.5°	3.3	4.3	5.3	5.8	6.6	8.0	9.8	11.6	13.6	15.9	20.1
-65°	3.3	4.3	5.2	5.8	6.6	7.8	9.4	11.1	12.9	14.9	17.5
-67.5°	3.3	4.2	5.2	5.8	6.5	7.5	9.0	10.6	12.2	14.0	16.0
-70°	3.3	4.2	5.1	5.7	6.3	7.3	8.6	10.0	11.5	13.1	14.9
-72.5°	3.3	4.2	5.0	5.6	6.2	7.0	8.1	9.4	10.7	12.1	13.7
-75°	3.3	4.1	4.9	5.5	6.0	6.7	7.7	8.8	9.8	11.1	12.5
-77.5°	3.3	4.1	4.8	5.4	5.9	6.4	7.2	8.1	9.1	10.1	11.2
-80°	3.3	4.0	4.8	5.2	5.7	6.2	6.6	7.5	8.4	9.3	10.2
-82.5°	3.3	4.0	4.7	5.1	5.5	5.9	6.3	7.0	7.7	8.5	9.3
-85°	3.3	3.9	4.6	5.0	5.3	5.7	6.1	6.6	7.2	7.8	8.4
-87.5°	3.3	3.9	4.5	4.8	5.1	5.5	5.8	6.2	6.6	7.1	7.5
-90°	3.3	3.3	3.3	3.0	2.8	2.5	2.2	2.2	2.2	2.2	2.2



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 CATALOG NUMBER: EPH-08-320N-40-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	6.6	6.6	6.6	6.6	6.9	7.2	7.4	7.7	8.0	8.3	8.5
87.5°	2.1	1.9	1.8	1.7	1.6	1.5	1.3	1.1	1.1	1.1	1.1
85°	2.2	2.2	2.2	2.2	1.9	1.7	1.4	1.1	1.1	1.1	1.1
82.5°	2.5	2.5	2.4	2.2	2.0	1.7	1.4	1.3	1.3	1.3	1.2
80°	2.9	2.8	2.5	2.2	2.1	2.0	2.0	2.0	1.9	1.8	1.6
77.5°	3.1	2.8	2.5	2.3	2.2	2.4	2.6	2.8	2.7	2.6	2.5
75°	3.1	2.8	2.7	2.7	2.9	3.1	3.3	3.3	3.2	3.1	3.1
72.5°	3.2	3.1	3.1	3.3	3.3	3.3	3.3	3.3	4.2	5.4	6.2
70°	3.3	3.3	3.3	3.3	3.3	3.6	5.1	7.3	9.6	10.8	11.9
67.5°	3.3	3.3	3.3	3.4	4.2	5.9	8.4	13.1	18.2	19.4	19.2
65°	3.3	3.3	3.7	4.5	5.4	9.5	14.6	20.6	25.0	24.3	22.7
62.5°	3.3	3.8	4.5	6.1	9.4	14.2	18.9	23.2	27.4	26.7	23.0
60°	3.8	4.3	6.2	9.4	13.0	16.5	20.9	23.7	26.5	27.1	20.7
57.5°	4.3	5.6	8.7	12.0	15.1	17.7	19.3	21.8	22.7	22.1	16.2
55°	5.2	7.4	10.7	13.9	16.1	15.4	16.5	17.2	16.9	15.6	11.5
52.5°	6.7	9.1	12.4	15.1	15.4	13.9	13.0	13.1	12.1	10.3	8.9
50°	8.1	10.9	13.9	15.4	14.7	12.5	10.4	10.1	9.4	8.5	7.7
47.5°	9.6	12.5	14.9	15.7	13.6	11.6	9.6	8.9	8.4	8.7	8.2
45°	11.0	13.8	16.2	14.9	13.0	11.4	10.6	8.8	9.9	10.6	10.9
42.5°	12.4	14.9	16.0	14.2	13.2	13.1	13.0	12.5	13.1	15.8	17.4
40°	13.4	16.0	15.9	15.6	14.4	16.6	18.6	20.2	20.3	23.9	26.7
37.5°	14.4	16.4	17.3	19.5	18.5	22.5	25.9	39.7	40.2	33.3	45.1
35°	15.2	17.2	22.8	29.0	31.5	30.7	50.1	68.2	72.6	65.3	77.5
32.5°	16.1	18.5	30.2	44.8	58.1	59.0	81.2	110.1	125.2	130.3	137.0
30°	17.9	25.4	41.7	64.8	96.7	122.7	133.3	164.4	192.3	248.2	287.3
27.5°	21.0	34.4	60.8	100.4	149.3	198.5	215.4	237.0	310.2	409.3	507.4
25°	24.9	53.4	82.6	147.5	222.3	276.9	298.5	327.5	465.8	657.5	770.2
22.5°	34.9	77.8	115.6	201.8	303.2	353.3	381.5	485.7	697.4	951.9	1066.1
20°	52.7	106.9	155.7	247.2	384.5	429.2	460.7	677.6	985.8	1227.6	1406.6
17.5°	73.4	136.1	195.6	295.0	419.7	486.9	552.8	889.5	1288.0	1500.5	1711.4
15°	96.1	165.2	230.2	337.5	451.6	521.6	694.5	1129.2	1561.2	1768.5	1978.9
12.5°	120.2	193.8	259.8	374.8	483.0	553.9	823.1	1300.2	1707.1	1979.9	2232.3
10°	144.8	221.7	285.2	407.1	513.6	583.8	943.4	1445.4	1784.5	2027.2	2313.2
7.5°	161.4	239.9	304.9	434.4	542.5	611.2	1052.5	1565.3	1837.0	2050.9	2305.0
5°	174.6	246.8	312.4	453.8	566.3	632.9	1138.4	1660.0	1868.9	2054.5	2262.4
2.5°	185.0	251.5	318.3	468.9	585.3	646.7	1166.8	1689.1	1875.2	2054.4	2242.0
0°	192.6	254.2	322.4	479.7	600.8	658.0	1172.9	1695.6	1870.5	2049.9	2250.2
-2.5°	199.4	262.0	335.1	488.9	601.5	659.3	1167.1	1688.1	1891.7	2099.5	2338.7
-5°	203.6	268.3	345.4	493.6	599.1	658.5	1140.5	1658.0	1889.5	2100.4	2353.3
-7.5°	205.6	273.1	353.1	493.0	590.8	649.6	1070.0	1561.7	1815.2	2013.9	2279.1
-10°	206.2	278.9	358.1	482.6	575.4	634.6	979.1	1447.4	1733.1	1919.2	2176.5
-12.5°	208.1	285.6	361.4	470.8	560.1	617.5	876.1	1317.6	1644.1	1817.7	2059.5
-15°	208.0	290.7	363.0	458.6	545.8	598.5	763.8	1174.3	1577.9	1798.4	1996.0
-17.5°	206.1	294.3	363.1	446.9	533.5	577.4	648.1	1047.7	1523.1	1790.5	1982.2
-20°	202.5	296.4	362.0	436.6	522.0	568.5	626.1	925.1	1377.5	1762.3	1976.7



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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°	197.4	297.0	360.7	431.3	513.0	571.4	620.8	790.8	1185.1	1715.5	1939.9
-25°	194.6	288.3	359.3	425.2	503.4	574.8	615.2	666.9	995.1	1480.0	1853.5
-27.5°	193.1	278.2	351.1	415.0	491.2	574.0	615.7	659.4	834.3	1211.1	1720.0
-30°	188.6	261.6	340.0	401.7	476.8	557.8	619.7	654.0	703.1	995.4	1410.6
-32.5°	179.1	244.3	321.7	387.2	457.9	538.9	615.6	653.9	695.8	782.5	1117.6
-35°	169.2	230.6	300.7	369.3	434.7	513.3	588.3	652.5	688.7	733.6	883.4
-37.5°	161.3	215.2	279.3	347.3	411.8	482.5	558.1	629.0	683.2	728.5	785.5
-40°	151.3	198.1	259.8	323.5	386.6	451.9	522.6	594.0	662.5	731.1	783.1
-42.5°	139.4	184.9	239.3	299.2	359.7	422.5	485.6	554.4	634.3	720.7	787.5
-45°	125.2	169.4	217.9	273.5	330.3	390.6	451.7	513.8	598.1	686.9	770.6
-47.5°	109.2	151.7	197.9	245.7	299.4	355.6	415.1	480.1	554.0	638.8	730.0
-50°	92.3	131.7	174.8	219.2	267.1	319.1	374.0	439.8	509.3	583.6	665.9
-52.5°	76.4	109.8	149.7	192.1	235.5	282.0	333.5	392.3	457.5	526.7	595.9
-55°	59.2	89.2	122.5	162.2	203.8	245.7	290.7	342.9	399.6	462.7	524.7
-57.5°	45.9	67.9	96.6	129.7	168.5	209.1	249.0	291.4	341.0	394.7	447.0
-60°	34.7	49.8	71.0	99.0	130.1	166.7	205.0	243.6	283.5	323.5	368.0
-62.5°	24.6	36.2	50.3	68.8	95.4	122.6	154.6	190.2	227.8	262.1	295.0
-65°	21.5	24.9	34.5	47.6	61.3	83.8	108.0	132.8	163.9	194.7	226.0
-67.5°	18.3	21.5	24.6	29.5	41.3	53.0	64.8	85.9	107.5	127.1	148.0
-70°	16.6	18.1	20.7	23.5	26.2	31.1	41.3	51.4	61.3	73.0	89.5
-72.5°	15.1	16.4	17.9	19.4	21.8	24.1	26.5	28.7	34.6	42.6	50.2
-75°	13.6	14.7	15.8	17.1	18.4	19.9	21.4	23.5	25.3	27.1	28.9
-77.5°	12.2	13.1	14.0	14.8	15.7	16.8	18.0	19.3	20.3	21.4	22.5
-80°	10.8	11.5	12.2	13.0	13.6	14.2	14.9	15.7	16.3	16.8	17.6
-82.5°	9.7	10.2	10.6	11.1	11.6	11.9	12.2	12.6	13.2	13.8	14.3
-85°	8.6	8.8	9.0	9.3	9.7	10.1	10.5	10.8	11.1	11.4	11.7
-87.5°	7.6	7.7	7.8	7.9	8.2	8.6	8.9	9.3	9.4	9.5	9.6
-90°	1.9	1.7	1.4	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	8.8	8.8	8.8	8.8	8.8	9.1	9.4	9.6	9.9	9.9	9.9
87.5°	1.1	1.1	1.0	1.0	1.0	0.8	0.5	0.3	0.0	0.0	0.0
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.4	1.4	1.4	1.3	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	2.4	2.2	1.9	1.6	1.2	1.1	1.1	1.1	1.1	1.1	1.1
75°	3.2	3.1	3.0	2.7	2.3	2.2	2.2	2.1	2.0	2.0	2.1
72.5°	6.7	6.6	6.2	5.7	5.0	4.5	4.5	4.3	4.0	3.8	3.7
70°	12.2	11.8	11.1	9.8	8.2	7.0	6.4	5.7	4.7	4.4	4.3
67.5°	17.5	15.7	14.2	12.5	10.3	8.5	7.4	6.5	5.6	5.1	4.9
65°	20.2	16.2	13.5	11.4	9.8	8.2	7.1	6.1	5.2	4.6	4.5
62.5°	18.6	13.5	10.6	8.9	7.5	6.5	5.7	4.9	4.1	3.7	3.8
60°	15.2	10.4	8.0	7.0	6.2	5.6	4.8	4.2	3.6	3.4	3.7
57.5°	11.6	8.3	6.5	6.1	5.5	4.7	4.2	4.1	4.0	4.0	4.2
55°	8.6	7.3	6.6	5.8	5.2	4.6	4.4	4.6	4.6	4.4	4.4
52.5°	7.4	6.8	6.0	5.3	5.2	5.2	5.4	5.2	5.1	5.1	5.2
50°	7.2	6.6	6.1	5.5	5.7	5.7	5.5	5.7	6.1	6.2	6.3
47.5°	7.8	7.4	7.7	6.5	6.8	7.6	7.6	7.8	8.8	9.2	9.4
45°	10.2	12.5	12.5	11.5	11.1	16.1	16.4	13.7	22.4	21.5	15.1
42.5°	19.0	20.1	20.2	25.3	34.2	38.9	51.6	71.9	67.3	52.3	31.6
40°	31.4	29.8	36.4	46.7	57.1	69.3	86.7	121.1	115.3	92.3	101.4
37.5°	54.2	54.2	57.3	71.7	75.7	65.1	92.6	89.4	71.3	100.2	106.1
35°	99.1	109.0	92.5	114.8	117.7	108.3	113.6	125.6	108.6	130.0	139.1
32.5°	178.0	196.4	198.8	204.2	220.6	233.2	229.7	259.0	260.4	288.1	326.0
30°	284.5	322.6	362.1	368.3	388.7	421.9	438.5	497.5	560.1	601.1	676.3
27.5°	500.1	509.5	589.0	651.5	626.6	676.3	800.5	872.5	992.1	1063.3	1139.0
25°	803.2	829.1	941.1	1056.4	1071.8	1117.2	1297.7	1400.7	1523.9	1595.8	1751.9
22.5°	1187.8	1299.7	1422.9	1574.6	1636.9	1743.4	1918.9	2070.0	2326.6	2644.1	3328.2
20°	1616.4	1784.4	1950.1	2083.3	2211.7	2381.2	2594.7	3323.7	4187.7	6790.8	8586.8
17.5°	1983.0	2258.3	2416.6	2545.6	2706.8	3033.7	3881.2	6029.7	10173.1	15968.6	21273.5
15°	2268.2	2525.2	2779.8	2941.6	3193.3	3917.0	5641.3	10910.8	19496.5	29279.6	41118.1
12.5°	2494.2	2707.7	2921.5	3159.5	3624.7	5035.0	9422.1	17559.8	30044.9	45858.8	66846.3
10°	2616.3	2829.9	3036.3	3375.1	4236.1	6804.1	12952.5	23684.3	43279.7	67977.3	94724.4
7.5°	2615.5	2875.8	3131.0	3544.3	4859.2	8918.2	17111.3	31633.5	54811.4	85775.2	120209.7
5°	2614.1	2929.1	3196.4	3662.8	5249.0	10361.0	19692.7	36035.8	64201.1	99143.8	136014.8
2.5°	2639.4	2986.1	3238.7	3740.9	5429.6	11135.1	21124.7	39512.9	70765.7	106753.1	146152.6
0°	2699.1	3036.9	3263.5	3748.8	5408.1	11294.8	21291.2	40354.2	73292.2	111525.5	151956.2
-2.5°	2797.8	3029.6	3249.5	3717.1	5336.0	10965.3	20902.1	39620.3	70364.7	106214.9	145344.3
-5°	2738.4	2925.6	3120.1	3540.8	4982.1	9810.3	18828.2	35453.7	61712.8	93906.5	127426.2
-7.5°	2585.8	2775.5	2955.8	3318.6	4472.0	8095.8	15401.7	28480.8	48990.9	74063.2	100390.8
-10°	2446.8	2616.9	2786.6	3076.8	3821.0	5938.0	11021.2	20156.4	35769.0	54669.1	74788.8
-12.5°	2339.7	2482.6	2613.3	2807.8	3221.6	4404.0	8018.1	14798.1	24019.6	36052.3	50777.0
-15°	2245.5	2356.6	2452.7	2639.9	2947.5	3565.2	4996.1	8869.5	14615.4	22197.3	30237.5
-17.5°	2158.3	2264.9	2378.4	2521.0	2714.7	3011.3	3833.2	5462.5	8777.4	13730.2	18472.0
-20°	2113.8	2244.1	2341.8	2453.3	2617.7	2845.5	3134.4	3942.6	5308.9	8352.7	11435.9



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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°	2078.6	2202.9	2314.3	2443.7	2612.6	2792.4	2948.3	3195.2	3839.8	4795.7	6387.3
-25°	2035.8	2158.3	2323.1	2511.5	2656.5	2792.5	2871.6	2923.0	3199.7	3472.9	4082.2
-27.5°	1954.5	2148.7	2390.6	2594.0	2750.1	2834.5	2898.2	2939.9	3105.7	3268.7	3445.9
-30°	1881.8	2179.6	2440.8	2677.3	2813.2	2916.3	2999.3	3074.5	3189.1	3327.1	3391.6
-32.5°	1623.9	2171.2	2461.8	2679.5	2819.1	2940.7	3068.7	3138.2	3239.2	3340.2	3421.7
-35°	1275.5	1831.7	2439.0	2563.7	2702.3	2860.9	3014.7	3113.5	3216.3	3320.3	3416.3
-37.5°	955.5	1371.5	1864.0	2314.5	2500.4	2662.8	2851.5	3003.7	3138.3	3251.8	3361.1
-40°	837.5	950.4	1312.7	1670.4	2050.4	2399.1	2585.7	2789.5	2991.9	3132.1	3256.9
-42.5°	836.2	879.4	916.5	1156.3	1448.6	1748.5	2065.8	2361.6	2691.0	2921.8	3096.9
-45°	841.5	875.2	909.7	944.4	976.3	1197.0	1428.4	1663.1	2006.8	2348.0	2643.0
-47.5°	801.5	866.4	907.7	941.1	972.6	1003.6	1033.9	1097.1	1316.8	1549.4	1762.0
-50°	737.9	804.9	866.4	928.1	964.3	994.9	1027.8	1063.9	1099.1	1134.8	1158.5
-52.5°	660.1	725.9	789.9	848.4	901.1	953.0	1004.7	1046.7	1084.3	1120.8	1139.1
-55°	585.6	644.8	703.1	754.6	806.0	857.1	908.6	959.8	1010.7	1060.6	1086.2
-57.5°	502.8	560.4	615.3	658.6	702.3	745.8	792.6	840.7	887.1	929.6	952.0
-60°	415.1	464.4	511.4	553.5	594.4	633.7	673.4	713.5	752.8	787.3	807.6
-62.5°	327.8	365.9	405.0	441.7	476.5	510.1	546.3	580.9	613.5	641.1	660.2
-65°	256.7	285.1	310.2	335.6	361.4	390.9	420.7	448.9	475.3	497.2	513.5
-67.5°	174.3	200.4	223.4	245.0	264.8	284.9	306.3	326.8	346.3	362.4	375.0
-70°	105.4	120.1	133.2	147.7	165.0	182.0	198.9	214.5	228.7	240.4	249.7
-72.5°	57.3	63.5	70.2	80.6	90.3	99.9	109.3	118.1	125.9	132.9	139.0
-75°	30.8	33.5	38.3	42.7	46.5	50.4	54.2	57.6	60.7	63.3	65.4
-77.5°	23.8	25.1	26.3	27.3	28.2	29.1	29.9	30.7	31.4	32.2	32.8
-80°	18.3	19.2	20.0	20.9	21.7	22.2	22.7	23.1	23.4	23.9	24.4
-82.5°	14.7	15.1	15.5	15.9	16.3	16.8	17.2	17.7	18.1	18.3	18.4
-85°	12.0	12.2	12.3	12.5	12.6	12.7	12.9	13.0	13.0	13.1	13.1
-87.5°	9.7	9.7	9.8	9.8	9.8	10.1	10.4	10.7	11.0	11.0	11.0
-90°	1.1	0.8	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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 CATALOG NUMBER: EPH-08-320N-40-80-2S-CV1-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.6
87.5°	0.0	0.0	0.5	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.3
85°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
80°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
75°	2.1	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.0	2.0	2.1
72.5°	3.5	3.3	3.3	3.3	3.3	3.3	3.5	3.7	3.8	4.0	4.3
70°	4.3	4.4	4.4	4.4	4.4	4.4	4.3	4.3	4.4	4.7	5.7
67.5°	4.7	4.4	3.9	3.3	3.9	4.4	4.7	4.9	5.1	5.6	6.5
65°	4.4	4.4	3.9	3.3	3.9	4.4	4.4	4.5	4.6	5.2	6.1
62.5°	4.1	4.3	3.9	3.3	3.9	4.3	4.1	3.8	3.7	4.1	4.9
60°	4.0	4.3	4.4	4.4	4.4	4.3	4.0	3.7	3.4	3.6	4.2
57.5°	4.3	4.4	4.4	4.4	4.4	4.4	4.3	4.2	4.0	4.0	4.1
55°	4.4	4.4	4.8	5.5	4.8	4.4	4.4	4.4	4.4	4.6	4.6
52.5°	5.3	5.4	5.5	5.5	5.5	5.4	5.3	5.2	5.1	5.1	5.2
50°	6.4	6.5	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.1	5.7
47.5°	9.3	9.0	8.8	8.8	8.8	9.0	9.3	9.4	9.2	8.8	7.8
45°	15.3	15.3	15.3	15.4	15.3	15.3	15.3	15.1	21.5	22.4	13.7
42.5°	30.8	27.7	25.3	26.4	25.3	27.7	30.8	31.6	52.3	67.3	71.9
40°	90.5	62.2	36.0	36.3	36.0	62.2	90.5	101.4	92.3	115.3	121.1
37.5°	84.6	68.2	61.6	60.5	61.6	68.2	84.6	106.1	100.2	71.3	89.4
35°	139.6	138.7	132.6	132.0	132.6	138.7	139.6	139.1	130.0	108.6	125.6
32.5°	340.6	354.6	350.1	344.4	350.1	354.6	340.6	326.0	288.1	260.4	259.0
30°	711.9	743.0	736.7	753.7	736.7	743.0	711.9	676.3	601.1	560.1	497.5
27.5°	1180.9	1201.2	1180.2	1174.0	1180.2	1201.2	1180.9	1139.0	1063.3	992.1	872.5
25°	1858.6	1897.9	1916.1	1953.1	1916.1	1897.9	1858.6	1751.9	1595.8	1523.9	1400.7
22.5°	4178.8	4422.3	4297.2	4185.6	4297.2	4422.3	4178.8	3328.2	2644.1	2326.6	2070.0
20°	12263.7	14429.7	14270.1	13985.0	14270.1	14429.7	12263.7	8586.8	6790.8	4187.7	3323.7
17.5°	29571.4	36225.7	40369.7	42550.4	40369.7	36225.7	29571.4	21273.5	15968.6	10173.1	6029.7
15°	55167.8	66360.3	72932.0	76659.2	72932.0	66360.3	55167.8	41118.1	29279.6	19496.5	10910.8
12.5°	87023.4	104566.2	116204.2	118429.0	116204.2	104566.2	87023.4	66846.3	45858.8	30044.9	17559.8
10°	122100.7	144569.1	163099.1	169857.3	163099.1	144569.1	122100.7	94724.4	67977.3	43279.7	23684.3
7.5°	152057.9	180730.1	205335.4	214086.8	205335.4	180730.1	152057.9	120209.7	85775.2	54811.4	31633.5
5°	173841.6	211876.3	234148.2	240157.7	234148.2	211876.3	173841.6	136014.8	99143.8	64201.1	36035.8
2.5°	191573.6	227677.9	251556.4	263868.0	251556.4	227677.9	191573.6	146152.6	106753.1	70765.7	39512.9
0°	199370.0	234066.4	259819.3	277882.2	259819.3	234066.4	199370.0	151956.2	111525.5	73292.2	40354.2
-2.5°	189788.8	225270.7	243590.1	251507.0	243590.1	225270.7	189788.8	145344.3	106214.9	70364.7	39620.3
-5°	161360.2	194808.3	213220.5	219070.1	213220.5	194808.3	161360.2	127426.2	93906.5	61712.8	35453.7
-7.5°	125867.7	149040.5	164926.0	170462.5	164926.0	149040.5	125867.7	100390.8	74063.2	48990.9	28480.8
-10°	94775.6	111394.5	119907.4	122784.5	119907.4	111394.5	94775.6	74788.8	54669.1	35769.0	20156.4
-12.5°	65078.1	77588.8	83091.6	86706.8	83091.6	77588.8	65078.1	50777.0	36052.3	24019.6	14798.1
-15°	40031.3	48187.4	52520.4	54993.9	52520.4	48187.4	40031.3	30237.5	22197.3	14615.4	8869.5
-17.5°	24321.1	28754.6	31626.1	32927.0	31626.1	28754.6	24321.1	18472.0	13730.2	8777.4	5462.5
-20°	15099.2	18051.0	19727.7	20689.3	19727.7	18051.0	15099.2	11435.9	8352.7	5308.9	3942.6



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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°	8482.2	10101.9	11010.1	11326.7	11010.1	10101.9	8482.2	6387.3	4795.7	3839.8	3195.2
-25°	4716.9	5129.2	5309.6	5351.9	5309.6	5129.2	4716.9	4082.2	3472.9	3199.7	2923.0
-27.5°	3599.6	3687.5	3743.2	3759.8	3743.2	3687.5	3599.6	3445.9	3268.7	3105.7	2939.9
-30°	3452.8	3462.0	3477.3	3474.8	3477.3	3462.0	3452.8	3391.6	3327.1	3189.1	3074.5
-32.5°	3479.0	3482.4	3485.5	3480.3	3485.5	3482.4	3479.0	3421.7	3340.2	3239.2	3138.2
-35°	3468.7	3478.6	3486.4	3490.2	3486.4	3478.6	3468.7	3416.3	3320.3	3216.3	3113.5
-37.5°	3404.5	3418.3	3425.0	3418.7	3425.0	3418.3	3404.5	3361.1	3251.8	3138.3	3003.7
-40°	3286.8	3296.8	3297.4	3292.2	3297.4	3296.8	3286.8	3256.9	3132.1	2991.9	2789.5
-42.5°	3150.3	3185.0	3201.4	3201.9	3201.4	3185.0	3150.3	3096.9	2921.8	2691.0	2361.6
-45°	2829.9	2974.9	3061.0	3082.0	3061.0	2974.9	2829.9	2643.0	2348.0	2006.8	1663.1
-47.5°	1931.8	2075.9	2169.6	2205.0	2169.6	2075.9	1931.8	1762.0	1549.4	1316.8	1097.1
-50°	1175.9	1193.3	1201.0	1199.3	1201.0	1193.3	1175.9	1158.5	1134.8	1099.1	1063.9
-52.5°	1153.0	1166.8	1175.4	1179.5	1175.4	1166.8	1153.0	1139.1	1120.8	1084.3	1046.7
-55°	1107.2	1124.5	1133.4	1135.5	1133.4	1124.5	1107.2	1086.2	1060.6	1010.7	959.8
-57.5°	970.9	985.9	994.6	998.0	994.6	985.9	970.9	952.0	929.6	887.1	840.7
-60°	824.1	836.7	842.2	842.8	842.2	836.7	824.1	807.6	787.3	752.8	713.5
-62.5°	676.1	688.7	692.8	692.1	692.8	688.7	676.1	660.2	641.1	613.5	580.9
-65°	527.2	538.1	540.3	538.1	540.3	538.1	527.2	513.5	497.2	475.3	448.9
-67.5°	385.7	394.2	396.7	396.1	396.7	394.2	385.7	375.0	362.4	346.3	326.8
-70°	257.0	262.5	262.3	259.7	262.3	262.5	257.0	249.7	240.4	228.7	214.5
-72.5°	144.2	148.3	151.7	154.0	151.7	148.3	144.2	139.0	132.9	125.9	118.1
-75°	67.1	68.5	70.2	71.5	70.2	68.5	67.1	65.4	63.3	60.7	57.6
-77.5°	33.4	33.9	34.6	35.2	34.6	33.9	33.4	32.8	32.2	31.4	30.7
-80°	24.8	25.2	25.3	25.3	25.3	25.2	24.8	24.4	23.9	23.4	23.1
-82.5°	18.6	18.6	18.7	18.7	18.7	18.6	18.6	18.4	18.3	18.1	17.7
-85°	13.2	13.2	13.7	14.3	13.7	13.2	13.2	13.1	13.1	13.0	13.0
-87.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	9.4	9.1	8.8	8.8	8.8	8.8	8.8	8.5	8.3	8.0	7.7
87.5°	0.5	0.8	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
85°	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
82.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.3
80°	1.1	1.1	1.1	1.3	1.4	1.4	1.4	1.6	1.8	1.9	2.0
77.5°	1.1	1.1	1.2	1.6	1.9	2.2	2.4	2.5	2.6	2.7	2.8
75°	2.2	2.2	2.3	2.7	3.0	3.1	3.2	3.1	3.1	3.2	3.3
72.5°	4.5	4.5	5.0	5.7	6.2	6.6	6.7	6.2	5.4	4.2	3.3
70°	6.4	7.0	8.2	9.8	11.1	11.8	12.2	11.9	10.8	9.6	7.3
67.5°	7.4	8.5	10.3	12.5	14.2	15.7	17.5	19.2	19.4	18.2	13.1
65°	7.1	8.2	9.8	11.4	13.5	16.2	20.2	22.7	24.3	25.0	20.6
62.5°	5.7	6.5	7.5	8.9	10.6	13.5	18.6	23.0	26.7	27.4	23.2
60°	4.8	5.6	6.2	7.0	8.0	10.4	15.2	20.7	27.1	26.5	23.7
57.5°	4.2	4.7	5.5	6.1	6.5	8.3	11.6	16.2	22.1	22.7	21.8
55°	4.4	4.6	5.2	5.8	6.6	7.3	8.6	11.5	15.6	16.9	17.2
52.5°	5.4	5.2	5.2	5.3	6.0	6.8	7.4	8.9	10.3	12.1	13.1
50°	5.5	5.7	5.7	5.5	6.1	6.6	7.2	7.7	8.5	9.4	10.1
47.5°	7.6	7.6	6.8	6.5	7.7	7.4	7.8	8.2	8.7	8.4	8.9
45°	16.4	16.1	11.1	11.5	12.5	12.5	10.2	10.9	10.6	9.9	8.8
42.5°	51.6	38.9	34.2	25.3	20.2	20.1	19.0	17.4	15.8	13.1	12.5
40°	86.7	69.3	57.1	46.7	36.4	29.8	31.4	26.7	23.9	20.3	20.2
37.5°	92.6	65.1	75.7	71.7	57.3	54.2	54.2	45.1	33.3	40.2	39.7
35°	113.6	108.3	117.7	114.8	92.5	109.0	99.1	77.5	65.3	72.6	68.2
32.5°	229.7	233.2	220.6	204.2	198.8	196.4	178.0	137.0	130.3	125.2	110.1
30°	438.5	421.9	388.7	368.3	362.1	322.6	284.5	287.3	248.2	192.3	164.4
27.5°	800.5	676.3	626.6	651.5	589.0	509.5	500.1	507.4	409.3	310.2	237.0
25°	1297.7	1117.2	1071.8	1056.4	941.1	829.1	803.2	770.2	657.5	465.8	327.5
22.5°	1918.9	1743.4	1636.9	1574.6	1422.9	1299.7	1187.8	1066.1	951.9	697.4	485.7
20°	2594.7	2381.2	2211.7	2083.3	1950.1	1784.4	1616.4	1406.6	1227.6	985.8	677.6
17.5°	3881.2	3033.7	2706.8	2545.6	2416.6	2258.3	1983.0	1711.4	1500.5	1288.0	889.5
15°	5641.3	3917.0	3193.3	2941.6	2779.8	2525.2	2268.2	1978.9	1768.5	1561.2	1129.2
12.5°	9422.1	5035.0	3624.7	3159.5	2921.5	2707.7	2494.2	2232.3	1979.9	1707.1	1300.2
10°	12952.5	6804.1	4236.1	3375.1	3036.3	2829.9	2616.3	2313.2	2027.2	1784.5	1445.4
7.5°	17111.3	8918.2	4859.2	3544.3	3131.0	2875.8	2615.5	2305.0	2050.9	1837.0	1565.3
5°	19692.7	10361.0	5249.0	3662.8	3196.4	2929.1	2614.1	2262.4	2054.5	1868.9	1660.0
2.5°	21124.7	11135.1	5429.6	3740.9	3238.7	2986.1	2639.4	2242.0	2054.4	1875.2	1689.1
0°	21291.2	11294.8	5408.1	3748.8	3263.5	3036.9	2699.1	2250.2	2049.9	1870.5	1695.6
-2.5°	20902.1	10965.3	5336.0	3717.1	3249.5	3029.6	2797.8	2338.7	2099.5	1891.7	1688.1
-5°	18828.2	9810.3	4982.1	3540.8	3120.1	2925.6	2738.4	2353.3	2100.4	1889.5	1658.0
-7.5°	15401.7	8095.8	4472.0	3318.6	2955.8	2775.5	2585.8	2279.1	2013.9	1815.2	1561.7
-10°	11021.2	5938.0	3821.0	3076.8	2786.6	2616.9	2446.8	2176.5	1919.2	1733.1	1447.4
-12.5°	8018.1	4404.0	3221.6	2807.8	2613.3	2482.6	2339.7	2059.5	1817.7	1644.1	1317.6
-15°	4996.1	3565.2	2947.5	2639.9	2452.7	2356.6	2245.5	1996.0	1798.4	1577.9	1174.3
-17.5°	3833.2	3011.3	2714.7	2521.0	2378.4	2264.9	2158.3	1982.2	1790.5	1523.1	1047.7
-20°	3134.4	2845.5	2617.7	2453.3	2341.8	2244.1	2113.8	1976.7	1762.3	1377.5	925.1



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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°	2948.3	2792.4	2612.6	2443.7	2314.3	2202.9	2078.6	1939.9	1715.5	1185.1	790.8
-25°	2871.6	2792.5	2656.5	2511.5	2323.1	2158.3	2035.8	1853.5	1480.0	995.1	666.9
-27.5°	2898.2	2834.5	2750.1	2594.0	2390.6	2148.7	1954.5	1720.0	1211.1	834.3	659.4
-30°	2999.3	2916.3	2813.2	2677.3	2440.8	2179.6	1881.8	1410.6	995.4	703.1	654.0
-32.5°	3068.7	2940.7	2819.1	2679.5	2461.8	2171.2	1623.9	1117.6	782.5	695.8	653.9
-35°	3014.7	2860.9	2702.3	2563.7	2439.0	1831.7	1275.5	883.4	733.6	688.7	652.5
-37.5°	2851.5	2662.8	2500.4	2314.5	1864.0	1371.5	955.5	785.5	728.5	683.2	629.0
-40°	2585.7	2399.1	2050.4	1670.4	1312.7	950.4	837.5	783.1	731.1	662.5	594.0
-42.5°	2065.8	1748.5	1448.6	1156.3	916.5	879.4	836.2	787.5	720.7	634.3	554.4
-45°	1428.4	1197.0	976.3	944.4	909.7	875.2	841.5	770.6	686.9	598.1	513.8
-47.5°	1033.9	1003.6	972.6	941.1	907.7	866.4	801.5	730.0	638.8	554.0	480.1
-50°	1027.8	994.9	964.3	928.1	866.4	804.9	737.9	665.9	583.6	509.3	439.8
-52.5°	1004.7	953.0	901.1	848.4	789.9	725.9	660.1	595.9	526.7	457.5	392.3
-55°	908.6	857.1	806.0	754.6	703.1	644.8	585.6	524.7	462.7	399.6	342.9
-57.5°	792.6	745.8	702.3	658.6	615.3	560.4	502.8	447.0	394.7	341.0	291.4
-60°	673.4	633.7	594.4	553.5	511.4	464.4	415.1	368.0	323.5	283.5	243.6
-62.5°	546.3	510.1	476.5	441.7	405.0	365.9	327.8	295.0	262.1	227.8	190.2
-65°	420.7	390.9	361.4	335.6	310.2	285.1	256.7	226.0	194.7	163.9	132.8
-67.5°	306.3	284.9	264.8	245.0	223.4	200.4	174.3	148.0	127.1	107.5	85.9
-70°	198.9	182.0	165.0	147.7	133.2	120.1	105.4	89.5	73.0	61.3	51.4
-72.5°	109.3	99.9	90.3	80.6	70.2	63.5	57.3	50.2	42.6	34.6	28.7
-75°	54.2	50.4	46.5	42.7	38.3	33.5	30.8	28.9	27.1	25.3	23.5
-77.5°	29.9	29.1	28.2	27.3	26.3	25.1	23.8	22.5	21.4	20.3	19.3
-80°	22.7	22.2	21.7	20.9	20.0	19.2	18.3	17.6	16.8	16.3	15.7
-82.5°	17.2	16.8	16.3	15.9	15.5	15.1	14.7	14.3	13.8	13.2	12.6
-85°	12.9	12.7	12.6	12.5	12.3	12.2	12.0	11.7	11.4	11.1	10.8
-87.5°	10.4	10.1	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.4	9.3
-90°	0.0	0.0	0.0	0.3	0.6	0.8	1.1	1.1	1.1	1.1	1.1



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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°	7.4	7.2	6.9	6.6	6.6	6.6	6.6	6.6	6.3	6.1	5.8
87.5°	1.3	1.5	1.6	1.7	1.8	1.9	2.1	2.2	2.3	2.4	2.4
85°	1.4	1.7	1.9	2.2	2.2	2.2	2.2	2.2	2.4	2.6	2.7
82.5°	1.4	1.7	2.0	2.2	2.4	2.5	2.5	2.5	2.6	2.8	3.0
80°	2.0	2.0	2.1	2.2	2.5	2.8	2.9	3.0	2.9	3.0	3.1
77.5°	2.6	2.4	2.2	2.3	2.5	2.8	3.1	3.3	3.2	3.1	3.2
75°	3.3	3.1	2.9	2.7	2.7	2.8	3.1	3.3	3.3	3.3	3.3
72.5°	3.3	3.3	3.3	3.3	3.1	3.1	3.2	3.3	3.3	3.3	3.3
70°	5.1	3.6	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
67.5°	8.4	5.9	4.2	3.4	3.3	3.3	3.3	3.4	3.5	3.3	3.3
65°	14.6	9.5	5.4	4.5	3.7	3.3	3.3	3.5	3.7	3.5	3.3
62.5°	18.9	14.2	9.4	6.1	4.5	3.8	3.3	3.6	3.8	3.8	3.5
60°	20.9	16.5	13.0	9.4	6.2	4.3	3.8	3.6	3.9	4.1	3.8
57.5°	19.3	17.7	15.1	12.0	8.7	5.6	4.3	4.0	3.9	4.2	4.1
55°	16.5	15.4	16.1	13.9	10.7	7.4	5.2	4.4	4.1	4.2	4.4
52.5°	13.0	13.9	15.4	15.1	12.4	9.1	6.7	4.9	4.5	4.3	4.5
50°	10.4	12.5	14.7	15.4	13.9	10.9	8.1	6.0	4.9	4.4	4.6
47.5°	9.6	11.6	13.6	15.7	14.9	12.5	9.6	7.0	5.3	4.8	4.6
45°	10.6	11.4	13.0	14.9	16.2	13.8	11.0	7.9	6.1	5.2	4.7
42.5°	13.0	13.1	13.2	14.2	16.0	14.9	12.4	9.1	6.7	5.6	4.9
40°	18.6	16.6	14.4	15.6	15.9	16.0	13.4	10.3	7.3	6.1	5.3
37.5°	25.9	22.5	18.5	19.5	17.3	16.4	14.4	11.5	8.2	6.7	5.7
35°	50.1	30.7	31.5	29.0	22.8	17.2	15.2	12.4	9.5	7.3	6.1
32.5°	81.2	59.0	58.1	44.8	30.2	18.5	16.1	13.8	10.9	7.9	6.5
30°	133.3	122.7	96.7	64.8	41.7	25.4	17.9	15.2	12.2	8.5	6.9
27.5°	215.4	198.5	149.3	100.4	60.8	34.4	21.0	16.8	13.6	9.3	7.4
25°	298.5	276.9	222.3	147.5	82.6	53.4	24.9	18.5	14.9	10.4	7.8
22.5°	381.5	353.3	303.2	201.8	115.6	77.8	34.9	21.5	16.2	11.4	8.3
20°	460.7	429.2	384.5	247.2	155.7	106.9	52.7	24.8	17.6	12.5	8.7
17.5°	552.8	486.9	419.7	295.0	195.6	136.1	73.4	28.5	18.9	13.5	9.1
15°	694.5	521.6	451.6	337.5	230.2	165.2	96.1	32.4	20.2	14.5	9.4
12.5°	823.1	553.9	483.0	374.8	259.8	193.8	120.2	36.4	21.5	15.3	9.8
10°	943.4	583.8	513.6	407.1	285.2	221.7	144.8	40.5	23.2	16.0	10.1
7.5°	1052.5	611.2	542.5	434.4	304.9	239.9	161.4	44.6	24.9	16.5	10.3
5°	1138.4	632.9	566.3	453.8	312.4	246.8	174.6	48.4	26.6	17.0	10.6
2.5°	1166.8	646.7	585.3	468.9	318.3	251.5	185.0	51.9	28.2	17.3	10.8
0°	1172.9	658.0	600.8	479.7	322.4	254.2	192.6	55.0	29.7	17.6	11.0
-2.5°	1167.1	659.3	601.5	488.9	335.1	262.0	199.4	68.6	39.1	22.9	13.6
-5°	1140.5	658.5	599.1	493.6	345.4	268.3	203.6	81.4	48.1	28.0	16.0
-7.5°	1070.0	649.6	590.8	493.0	353.1	273.1	205.6	93.2	56.5	32.8	18.4
-10°	979.1	634.6	575.4	482.6	358.1	278.9	206.2	103.9	64.0	37.0	20.4
-12.5°	876.1	617.5	560.1	470.8	361.4	285.6	208.1	113.0	70.5	40.7	22.2
-15°	763.8	598.5	545.8	458.6	363.0	290.7	208.0	120.4	76.0	44.3	23.6
-17.5°	648.1	577.4	533.5	446.9	363.1	294.3	206.1	126.0	80.6	47.8	25.2
-20°	626.1	568.5	522.0	436.6	362.0	296.4	202.5	129.7	84.3	50.5	26.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	620.8	571.4	513.0	431.3	360.7	297.0	197.4	131.2	86.8	52.2	27.8
-25°	615.2	574.8	503.4	425.2	359.3	288.3	194.6	130.5	88.3	52.9	28.0
-27.5°	615.7	574.0	491.2	415.0	351.1	278.2	193.1	131.5	88.8	52.4	27.5
-30°	619.7	557.8	476.8	401.7	340.0	261.6	188.6	131.2	88.1	51.6	26.3
-32.5°	615.6	538.9	457.9	387.2	321.7	244.3	179.1	129.4	85.9	50.1	25.5
-35°	588.3	513.3	434.7	369.3	300.7	230.6	169.2	126.2	82.1	47.5	24.5
-37.5°	558.1	482.5	411.8	347.3	279.3	215.2	161.3	118.4	76.7	43.6	23.0
-40°	522.6	451.9	386.6	323.5	259.8	198.1	151.3	108.7	70.9	38.5	20.9
-42.5°	485.6	422.5	359.7	299.2	239.3	184.9	139.4	97.5	62.8	34.5	18.2
-45°	451.7	390.6	330.3	273.5	217.9	169.4	125.2	85.2	53.6	30.8	16.1
-47.5°	415.1	355.6	299.4	245.7	197.9	151.7	109.2	73.5	43.4	26.3	15.5
-50°	374.0	319.1	267.1	219.2	174.8	131.7	92.3	60.6	37.1	20.9	14.7
-52.5°	333.5	282.0	235.5	192.1	149.7	109.8	76.4	47.3	30.3	18.3	13.8
-55°	290.7	245.7	203.8	162.2	122.5	89.2	59.2	38.8	23.0	17.0	12.9
-57.5°	249.0	209.1	168.5	129.7	96.6	67.9	45.9	29.7	19.9	15.5	12.5
-60°	205.0	166.7	130.1	99.0	71.0	49.8	34.7	22.5	18.0	14.1	12.1
-62.5°	154.6	122.6	95.4	68.8	50.3	36.2	24.6	20.1	15.9	13.6	11.6
-65°	108.0	83.8	61.3	47.6	34.5	24.9	21.5	17.5	14.9	12.9	11.1
-67.5°	64.8	53.0	41.3	29.5	24.6	21.5	18.3	16.0	14.0	12.2	10.6
-70°	41.3	31.1	26.2	23.5	20.7	18.1	16.6	14.9	13.1	11.5	10.0
-72.5°	26.5	24.1	21.8	19.4	17.9	16.4	15.1	13.7	12.1	10.7	9.4
-75°	21.4	19.9	18.4	17.1	15.8	14.7	13.6	12.5	11.1	9.8	8.8
-77.5°	18.0	16.8	15.7	14.8	14.0	13.1	12.2	11.2	10.1	9.1	8.1
-80°	14.9	14.2	13.6	13.0	12.2	11.5	10.8	10.2	9.3	8.4	7.5
-82.5°	12.2	11.9	11.6	11.1	10.6	10.2	9.7	9.3	8.5	7.7	7.0
-85°	10.5	10.1	9.7	9.3	9.0	8.8	8.6	8.4	7.8	7.2	6.6
-87.5°	8.9	8.6	8.2	7.9	7.8	7.7	7.6	7.5	7.1	6.6	6.2
-90°	1.1	1.1	1.1	1.1	1.4	1.7	1.9	2.2	2.2	2.2	2.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	5.5	5.2	5.0	4.7	4.4	3.9	3.3
87.5°	2.5	2.7	2.8	3.1	3.3	3.3	3.3
85°	2.8	2.8	2.9	3.1	3.3	3.3	3.3
82.5°	3.1	3.0	3.0	3.1	3.3	3.4	3.3
80°	3.3	3.2	3.1	3.2	3.3	3.4	3.3
77.5°	3.3	3.3	3.2	3.2	3.3	3.4	3.3
75°	3.3	3.4	3.3	3.2	3.3	3.4	3.3
72.5°	3.4	3.5	3.4	3.3	3.3	3.5	3.3
70°	3.4	3.5	3.5	3.3	3.3	3.5	3.3
67.5°	3.4	3.6	3.6	3.4	3.4	3.5	3.3
65°	3.4	3.7	3.7	3.5	3.4	3.6	3.3
62.5°	3.5	3.7	3.9	3.7	3.4	3.6	3.3
60°	3.5	3.8	4.0	3.8	3.4	3.6	3.3
57.5°	3.8	3.8	4.0	3.9	3.5	3.6	3.3
55°	4.0	3.8	4.0	4.0	3.6	3.7	3.3
52.5°	4.3	3.9	4.1	4.1	3.7	3.7	3.3
50°	4.6	4.1	4.1	4.2	3.8	3.7	3.3
47.5°	4.8	4.3	4.1	4.3	3.9	3.8	3.3
45°	4.9	4.5	4.2	4.4	3.9	3.8	3.3
42.5°	4.9	4.8	4.2	4.4	4.0	3.8	3.3
40°	5.0	5.0	4.3	4.4	4.1	3.9	3.3
37.5°	5.0	5.2	4.5	4.4	4.1	3.9	3.3
35°	5.1	5.3	4.6	4.5	4.2	3.9	3.3
32.5°	5.2	5.3	4.8	4.5	4.2	4.0	3.3
30°	5.6	5.4	4.9	4.6	4.3	4.0	3.3
27.5°	5.9	5.4	5.0	4.6	4.3	4.1	3.3
25°	6.2	5.5	5.1	4.7	4.3	4.1	3.3
22.5°	6.5	5.5	5.2	4.8	4.3	4.1	3.3
20°	6.8	5.6	5.3	4.8	4.4	4.2	3.3
17.5°	7.2	5.7	5.4	4.9	4.4	4.2	3.3
15°	7.5	5.8	5.4	5.0	4.4	4.2	3.3
12.5°	7.7	5.9	5.5	5.1	4.4	4.3	3.3
10°	8.0	6.1	5.5	5.2	4.4	4.3	3.3
7.5°	8.2	6.2	5.5	5.3	4.4	4.3	3.3
5°	8.5	6.3	5.5	5.3	4.4	4.3	3.3
2.5°	8.6	6.5	5.5	5.4	4.4	4.4	3.3
0°	8.8	6.6	5.5	5.5	4.4	4.4	3.3
-2.5°	9.7	7.0	5.7	5.6	4.4	4.4	3.3
-5°	10.5	7.3	5.9	5.6	4.5	4.4	3.3
-7.5°	11.3	7.6	6.1	5.7	4.5	4.5	3.3
-10°	11.9	7.9	6.2	5.7	4.6	4.5	3.3
-12.5°	12.5	8.2	6.4	5.8	4.6	4.5	3.3
-15°	13.0	8.5	6.6	5.8	4.7	4.5	3.3
-17.5°	13.4	8.7	6.7	5.8	4.7	4.5	3.3
-20°	13.8	8.8	6.8	5.9	4.8	4.5	3.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.3	9.0	6.9	5.9	4.8	4.5	3.3
-25°	14.6	9.1	7.0	5.9	4.9	4.5	3.3
-27.5°	14.5	9.2	7.1	5.9	4.9	4.5	3.3
-30°	14.0	9.3	7.1	5.9	5.0	4.5	3.3
-32.5°	13.2	9.3	7.2	5.9	5.0	4.5	3.3
-35°	12.8	9.2	7.3	5.9	5.0	4.5	3.3
-37.5°	12.7	9.1	7.3	5.8	5.1	4.5	3.3
-40°	12.5	9.1	7.3	5.8	5.1	4.5	3.3
-42.5°	12.2	9.1	7.3	5.8	5.1	4.5	3.3
-45°	11.7	9.1	7.3	5.7	5.2	4.5	3.3
-47.5°	11.2	9.1	7.2	5.7	5.2	4.4	3.3
-50°	11.0	9.0	7.2	5.7	5.2	4.4	3.3
-52.5°	10.9	8.8	7.1	5.8	5.3	4.4	3.3
-55°	10.6	8.7	7.0	5.8	5.3	4.4	3.3
-57.5°	10.4	8.5	6.9	5.8	5.3	4.4	3.3
-60°	10.1	8.3	6.7	5.8	5.4	4.3	3.3
-62.5°	9.8	8.0	6.6	5.8	5.3	4.3	3.3
-65°	9.4	7.8	6.6	5.8	5.2	4.3	3.3
-67.5°	9.0	7.5	6.5	5.8	5.2	4.2	3.3
-70°	8.6	7.3	6.3	5.7	5.1	4.2	3.3
-72.5°	8.1	7.0	6.2	5.6	5.0	4.2	3.3
-75°	7.7	6.7	6.0	5.5	4.9	4.1	3.3
-77.5°	7.2	6.4	5.9	5.4	4.8	4.1	3.3
-80°	6.6	6.2	5.7	5.2	4.8	4.0	3.3
-82.5°	6.3	5.9	5.5	5.1	4.7	4.0	3.3
-85°	6.1	5.7	5.3	5.0	4.6	3.9	3.3
-87.5°	5.8	5.5	5.1	4.8	4.5	3.9	3.3
-90°	2.2	2.5	2.8	3.0	3.3	3.3	3.3

(END OF REPORT)