

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: P1305582 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320L-57-80-4S-CV2-A**

Issue Date: 2/3/2026

Test Information

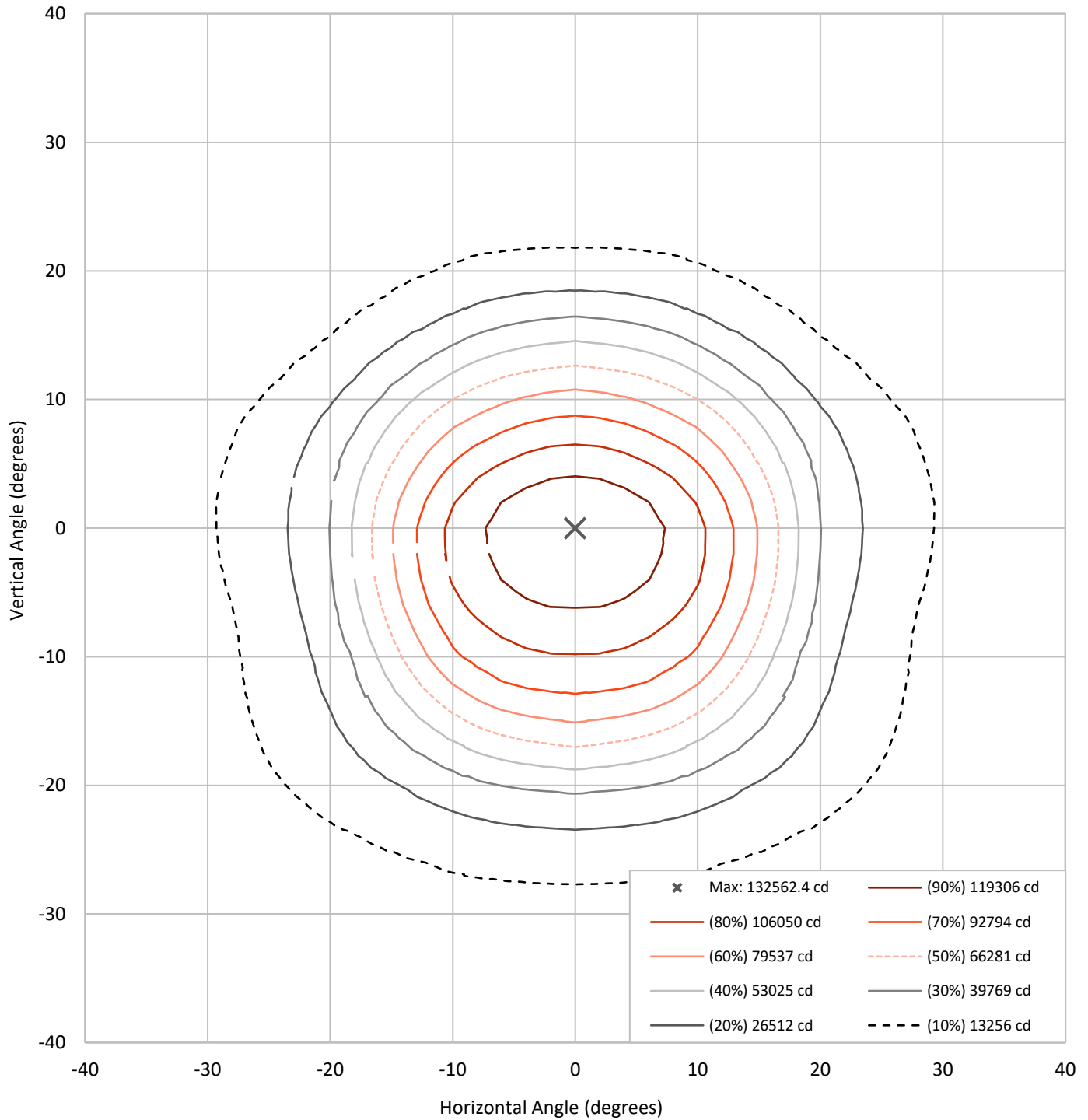
Test Method: LM-79-08
Report Number: P1305582 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-25)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320L-57-80-4S-CV2-A
Description: EPHEBUS LUMASPORT 8 LUMINAIRE
(8) 5700K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 2 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	42425.9 lumens	Max Intensity:	132562.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	127.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.2°H x 29.7°V	Field Angle (10%):	58.6°H x 49.3°V
Beam Lumens:	23280.5 lumens	Field Lumens:	37300.4 lumens
Beam Efficiency:	54.9%	Field Efficiency:	87.9%
Input Watts (W):	334		
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





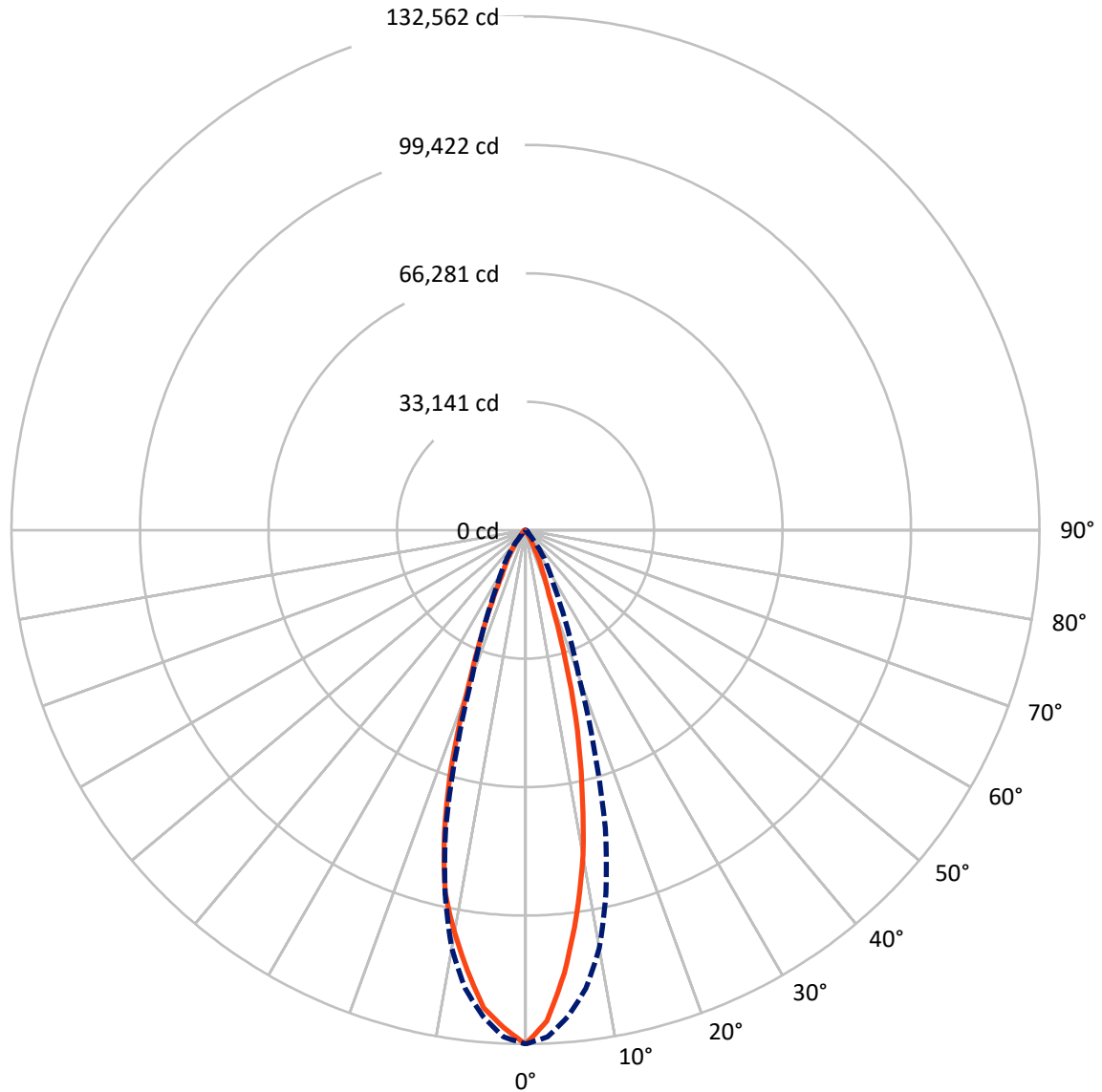
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Lumen Table

90	0.1	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.1						
80	0.1	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.1						
70	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.1	
60		0.1	0.2	0.5	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.5	0.2	0.1		
50	0.1	0.1	0.2	0.4	0.4	0.5	0.7	0.8	0.8	0.7	0.5	0.4	0.4	0.2	0.1	0.1	
40		0.1	0.5	1.0	1.8	4.0	8.0	11.0	11.0	8.0	4.0	1.8	1.0	0.5	0.1		
30	0.1	0.2	1.5	4.2	15.6	56.6	134.0	226.6	226.6	134.0	56.6	15.6	4.2	1.5	0.2	0.1	
20		0.5	3.5	11.2	68.7	237.8	729.7	1378.8	1378.8	729.7	237.8	68.7	11.2	3.5	0.5		
10	0.2	1.0	5.9	21.1	160.0	569.8	1890.1	3193.6	3193.6	1890.1	569.8	160.0	21.1	5.9	1.0	0.2	
0		1.6	7.9	25.0	166.7	587.6	2121.4	3506.2	3506.2	2121.4	587.6	166.7	25.0	7.9	1.6		
-10	0.3	1.9	8.0	21.5	130.1	433.2	1267.0	2213.4	2213.4	1267.0	433.2	130.1	21.5	8.0	1.9	0.3	
-20		1.7	6.9	14.8	56.2	205.6	427.9	640.4	640.4	427.9	205.6	56.2	14.8	6.9	1.7		
-30	0.2	1.4	5.3	10.3	19.3	55.5	126.1	178.1	178.1	126.1	55.5	19.3	10.3	5.3	1.4	0.2	
-40		0.8	3.6	7.8	12.7	19.3	28.3	37.0	37.0	28.3	19.3	12.7	7.8	3.6	0.8		
-50	0.1	0.4	1.9	5.1	9.4	13.6	17.4	19.7	19.7	17.4	13.6	9.4	5.1	1.9	0.4	0.1	
-60		0.2	0.7	2.1	4.5	7.8	11.2	13.2	13.2	11.2	7.8	4.5	2.1	0.7	0.2		
-70	0.1	0.4	1.9	5.1	9.4	13.6	17.4	19.7	19.7	17.4	13.6	9.4	5.1	1.9	0.4	0.1	
-80		0.2	0.7	2.1	4.5	7.8	11.2	13.2	13.2	11.2	7.8	4.5	2.1	0.7	0.2		
-90	0.1	0.5	1.7	4.5	6.3	4.5	1.7	0.5	0.1								

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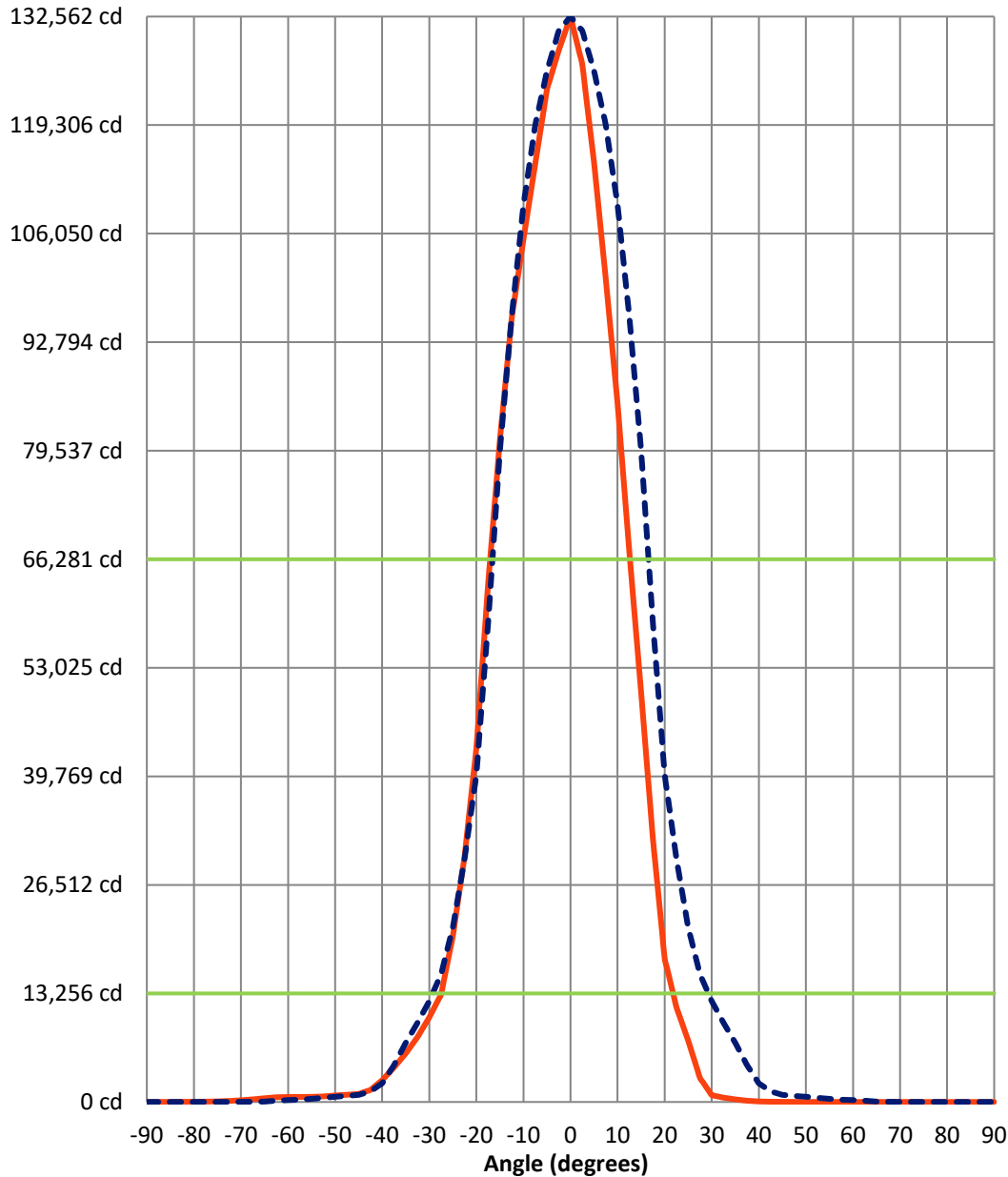
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 33.2°
 V Angle: 29.7°
 Lumens: 23280.5
 Efficiency: 54.9%

Field:
 H Angle: 58.6°
 V Angle: 49.3°
 Lumens: 37300.4
 Efficiency: 87.9%

Spill:
 Lumens: 5125.6
 Efficiency: 12.1%

— 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°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
85°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
82.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
80°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.9	4.9	4.9	4.7
77.5°	4.7	4.7	4.7	4.7	4.7	4.8	5.0	5.1	5.1	5.0	4.8
75°	4.7	4.7	4.7	4.7	4.7	5.0	5.3	5.4	5.3	5.1	4.8
72.5°	4.7	4.7	4.7	4.7	4.9	5.2	5.6	5.6	5.3	5.1	4.8
70°	4.7	4.7	4.7	4.7	5.1	5.5	5.8	5.6	5.4	5.1	5.2
67.5°	4.7	4.7	4.7	4.9	5.3	5.7	5.8	5.7	5.4	5.4	5.5
65°	4.7	4.7	4.7	5.0	5.5	5.8	5.8	5.7	5.6	5.6	5.8
62.5°	4.7	4.7	4.7	5.1	5.6	5.8	5.8	5.7	5.7	5.8	5.8
60°	4.7	4.7	4.7	5.2	5.8	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	4.7	4.7	4.8	5.4	5.8	5.8	5.8	5.8	5.8	5.8	5.8
55°	4.7	4.7	4.9	5.5	5.8	5.8	5.8	5.8	5.8	5.8	5.8
52.5°	4.7	4.7	4.9	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8
50°	4.7	4.7	5.0	5.7	5.8	5.8	5.8	5.8	5.8	5.8	6.3
47.5°	4.7	4.7	5.1	5.8	5.8	5.8	5.8	5.8	5.8	5.8	6.9
45°	4.7	4.7	5.2	5.8	5.8	5.8	5.8	5.8	5.8	6.2	7.3
42.5°	4.7	4.7	5.2	5.8	5.8	5.8	5.8	5.8	5.9	6.5	7.6
40°	4.7	4.7	5.3	5.8	5.8	5.8	5.8	5.9	6.1	6.8	7.9
37.5°	4.7	4.7	5.3	5.8	5.8	5.8	5.8	6.1	6.5	7.2	8.1
35°	4.7	4.7	5.4	5.8	5.8	5.8	5.8	6.2	6.8	7.6	8.3
32.5°	4.7	4.7	5.5	5.8	5.8	5.8	5.8	6.4	7.1	7.9	8.9
30°	4.7	4.7	5.5	5.8	5.8	5.8	6.0	6.6	7.4	8.3	9.6
27.5°	4.7	4.7	5.6	5.8	5.8	5.8	6.1	6.8	7.7	8.6	10.6
25°	4.7	4.7	5.6	5.8	5.8	5.8	6.2	7.1	8.0	9.2	11.7
22.5°	4.7	4.7	5.6	5.8	5.8	5.8	6.4	7.3	8.3	10.0	14.1
20°	4.7	4.7	5.7	5.8	5.8	5.9	6.5	7.5	8.5	10.9	16.6
17.5°	4.7	4.7	5.7	5.8	5.8	6.0	6.7	7.7	8.8	11.9	19.1
15°	4.7	4.7	5.7	5.8	5.8	6.1	6.8	8.0	9.0	12.8	21.6
12.5°	4.7	4.7	5.7	5.8	5.8	6.3	6.9	8.2	9.6	13.8	24.1
10°	4.7	4.7	5.8	5.8	5.8	6.4	6.9	8.5	10.7	16.1	27.4
7.5°	4.7	4.7	5.8	5.8	5.8	6.6	7.0	8.7	11.8	18.6	33.0
5°	4.7	4.7	5.8	5.8	5.8	6.7	7.0	9.0	13.0	21.0	38.6
2.5°	4.7	4.7	5.8	5.8	5.8	6.9	7.0	9.2	14.1	23.4	44.0
0°	4.7	4.7	5.8	5.8	5.8	7.0	7.0	9.4	15.2	25.7	49.1
-2.5°	4.7	4.7	5.8	5.8	5.8	7.0	7.6	11.2	19.6	34.0	63.5
-5°	4.7	4.7	5.8	5.8	5.8	7.0	8.2	12.9	23.8	42.0	77.1
-7.5°	4.7	4.7	5.8	5.8	5.8	6.9	8.8	14.5	27.6	49.3	89.5
-10°	4.7	4.7	5.8	5.8	5.8	6.9	9.3	15.9	31.0	55.9	100.4
-12.5°	4.7	4.7	5.7	5.8	5.8	6.9	9.7	17.1	33.8	61.4	107.6
-15°	4.7	4.7	5.7	5.8	5.8	6.8	9.9	18.1	36.2	65.7	112.3
-17.5°	4.7	4.7	5.7	5.8	5.8	6.7	10.1	19.0	38.1	68.9	115.4
-20°	4.7	4.7	5.7	5.8	5.8	6.6	10.3	20.0	39.3	70.8	116.9



REPORT NUMBER: P1305582 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320L-57-80-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.7	4.7	5.6	5.8	5.8	6.5	10.7	20.6	39.5	71.5	116.6
-25°	4.7	4.7	5.6	5.8	5.8	6.6	10.9	20.9	38.9	70.7	114.5
-27.5°	4.7	4.7	5.6	5.8	5.8	6.7	10.9	20.7	37.2	69.1	113.4
-30°	4.7	4.7	5.5	5.8	5.8	6.8	10.6	20.1	36.1	67.1	110.4
-32.5°	4.7	4.7	5.5	5.8	5.9	6.7	10.0	19.6	35.3	63.7	105.4
-35°	4.7	4.7	5.4	5.8	5.9	6.6	9.7	18.9	34.0	58.9	98.5
-37.5°	4.7	4.7	5.3	5.8	6.0	6.4	9.5	17.8	32.0	52.6	87.7
-40°	4.7	4.7	5.3	5.8	6.0	6.5	9.2	16.3	29.4	48.5	77.2
-42.5°	4.7	4.7	5.2	5.8	6.0	6.5	8.8	14.4	26.9	43.9	66.1
-45°	4.7	4.7	5.2	5.8	6.1	6.5	8.2	12.7	24.1	38.8	55.4
-47.5°	4.7	4.7	5.1	5.9	6.1	6.5	7.4	11.8	20.9	33.3	49.3
-50°	4.7	4.7	5.0	5.8	6.1	6.5	7.2	10.7	16.8	28.7	42.7
-52.5°	4.7	4.7	4.9	5.7	6.2	6.4	7.2	9.4	14.3	23.6	35.8
-55°	4.7	4.7	4.9	5.6	6.2	6.4	7.1	8.0	12.4	18.3	29.7
-57.5°	4.7	4.7	4.8	5.5	6.2	6.5	6.9	7.8	10.3	15.0	23.1
-60°	4.7	4.7	4.7	5.4	6.2	6.5	6.8	7.6	8.4	12.3	17.3
-62.5°	4.7	4.7	4.7	5.3	6.1	6.5	6.8	7.3	8.1	9.4	13.9
-65°	4.7	4.7	4.7	5.2	5.9	6.6	6.8	7.1	7.8	8.5	10.3
-67.5°	4.7	4.7	4.7	5.1	5.8	6.5	6.9	7.1	7.4	8.2	8.9
-70°	4.7	4.7	4.7	5.0	5.6	6.3	6.9	7.1	7.3	7.8	8.4
-72.5°	4.7	4.7	4.7	4.9	5.4	6.0	6.7	7.0	7.2	7.5	8.0
-75°	4.7	4.7	4.7	4.9	5.2	5.8	6.4	6.7	7.0	7.2	7.6
-77.5°	4.7	4.7	4.7	4.9	5.2	5.6	6.1	6.4	6.6	6.9	7.1
-80°	4.7	4.7	4.7	4.8	5.1	5.4	5.8	6.0	6.2	6.4	6.6
-82.5°	4.7	4.7	4.7	4.8	5.0	5.2	5.5	5.7	5.8	6.0	6.1
-85°	4.7	4.7	4.7	4.8	4.9	5.1	5.3	5.4	5.5	5.5	5.6
-87.5°	4.7	4.7	4.7	4.7	4.8	4.9	5.0	5.0	5.1	5.1	5.2
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7



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 CATALOG NUMBER: EPH-08-320L-57-80-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.4	4.1	3.8
87.5°	4.4	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6
85°	4.4	4.1	3.9	3.7	3.7	3.7	3.6	3.5	3.3	3.2	3.1
82.5°	4.5	4.4	4.4	4.4	4.3	4.1	3.8	3.5	3.5	3.5	3.5
80°	4.7	4.7	4.7	4.7	4.5	4.2	3.9	3.6	3.5	3.5	3.6
77.5°	4.7	4.7	4.7	4.7	4.5	4.3	4.2	4.2	4.2	4.1	3.9
75°	4.7	4.7	4.8	4.7	4.6	4.6	4.7	4.7	4.5	4.2	3.9
72.5°	4.9	5.0	5.0	4.8	4.7	4.7	4.7	4.7	4.8	4.9	4.8
70°	5.3	5.4	5.2	4.9	4.7	4.9	5.5	6.1	6.5	6.5	6.7
67.5°	5.7	5.5	5.2	5.1	5.6	6.3	7.0	7.9	8.9	9.2	9.7
65°	5.8	5.5	5.5	6.0	6.9	7.8	8.9	10.0	12.6	14.1	14.9
62.5°	5.8	5.7	6.1	7.0	8.2	9.3	11.1	14.0	17.8	20.4	20.5
60°	5.8	5.9	6.8	8.1	9.4	11.0	13.7	18.0	23.7	28.0	25.5
57.5°	5.8	6.5	7.9	9.2	10.5	12.2	16.4	21.9	27.8	33.9	29.0
55°	6.1	7.4	8.8	10.0	11.5	13.8	18.1	23.4	29.8	31.6	26.0
52.5°	6.9	8.3	9.3	10.7	12.7	14.9	17.9	22.5	24.5	25.0	21.6
50°	7.6	8.7	9.7	11.4	13.4	15.3	16.2	18.9	19.7	18.7	16.8
47.5°	8.0	9.0	10.0	11.8	13.9	15.5	15.5	15.6	15.4	15.1	12.4
45°	8.4	9.4	10.3	12.4	14.6	15.9	15.2	13.1	14.8	14.3	13.7
42.5°	8.7	9.7	11.4	13.0	15.9	16.7	15.5	16.1	16.6	17.3	17.6
40°	9.0	10.0	12.8	15.9	17.5	18.0	19.9	21.4	20.7	22.7	23.9
37.5°	9.2	11.6	15.5	21.3	19.4	22.0	25.6	31.5	31.7	29.9	34.3
35°	9.4	13.4	22.1	28.3	26.8	28.3	38.0	45.6	47.9	45.4	48.3
32.5°	10.6	15.5	30.3	36.8	40.5	42.5	53.4	65.0	73.6	75.3	68.2
30°	12.7	23.0	39.8	47.1	57.9	68.5	76.1	90.0	107.9	121.8	127.5
27.5°	15.5	32.1	49.6	62.9	79.4	97.4	110.5	127.9	157.0	181.9	202.5
25°	18.5	44.6	60.7	82.2	106.8	130.0	150.2	179.3	217.8	259.2	331.2
22.5°	25.2	58.8	77.3	103.6	136.0	165.1	198.7	240.0	289.3	346.2	479.8
20°	36.1	72.8	97.3	127.4	167.4	201.8	249.2	301.9	369.2	490.6	717.4
17.5°	47.6	87.9	117.8	155.5	205.2	248.7	301.9	363.5	452.6	646.7	1093.6
15°	59.7	103.7	137.3	185.3	246.6	308.6	372.8	439.9	567.4	867.7	1572.5
12.5°	71.8	119.9	155.9	216.2	290.4	371.1	447.7	533.1	717.4	1247.5	2282.0
10°	83.8	136.2	173.4	247.3	335.5	435.1	522.0	622.5	873.4	1591.5	2916.5
7.5°	103.5	157.5	192.2	278.0	381.0	499.0	594.8	707.7	1025.7	1891.4	3500.9
5°	124.4	183.7	222.1	315.5	425.8	556.0	660.7	788.0	1169.9	2143.7	4049.0
2.5°	144.3	208.8	251.2	351.5	467.9	600.2	702.6	833.0	1247.0	2261.6	4387.6
0°	162.5	232.6	279.4	384.6	506.2	639.5	740.0	872.1	1294.1	2284.3	4496.1
-2.5°	184.5	258.7	308.5	410.9	527.1	662.5	763.7	901.8	1342.7	2412.1	4515.7
-5°	203.5	282.9	336.2	434.3	544.7	680.5	783.6	925.0	1365.5	2470.2	4420.8
-7.5°	218.8	305.0	362.5	452.8	553.8	684.1	790.8	928.8	1349.6	2440.2	4226.5
-10°	228.0	314.3	368.8	452.5	550.8	676.5	790.9	925.5	1304.1	2316.0	3953.7
-12.5°	221.3	311.7	370.0	449.1	545.2	663.7	785.3	914.9	1226.4	2086.6	3634.4
-15°	213.0	307.6	369.2	442.6	537.2	645.8	773.6	896.8	1105.5	1731.0	3240.1
-17.5°	203.6	301.8	366.4	432.8	526.9	622.6	749.9	849.7	980.3	1474.9	2785.6
-20°	193.3	294.6	361.5	419.9	514.4	589.3	694.0	796.8	915.9	1254.2	2174.2



REPORT NUMBER: P1305582 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	182.5	286.0	353.2	411.5	482.6	550.9	635.1	735.9	845.0	980.1	1523.8
-25°	176.2	269.8	341.3	392.0	448.1	511.7	574.7	667.8	771.1	879.8	1166.0
-27.5°	173.0	254.2	321.9	372.5	414.9	472.5	526.1	600.4	696.1	789.1	879.8
-30°	167.4	232.1	302.2	352.4	390.8	436.2	482.4	542.6	627.6	709.2	784.5
-32.5°	155.3	209.6	277.9	329.9	369.5	402.5	448.2	502.0	567.4	638.3	698.8
-35°	140.5	191.9	251.7	307.5	348.5	379.8	420.9	466.1	514.1	575.5	647.9
-37.5°	126.7	172.6	225.6	282.4	324.3	362.5	394.0	434.7	476.2	521.6	594.0
-40°	111.9	151.9	202.0	254.2	302.7	342.3	375.1	405.5	441.8	487.2	535.6
-42.5°	96.5	134.4	177.8	226.6	275.3	317.9	355.2	383.3	414.2	453.4	496.4
-45°	83.8	116.0	153.1	199.3	245.2	290.1	328.0	363.4	393.1	422.0	459.1
-47.5°	70.5	97.8	132.0	171.4	215.0	257.1	298.2	337.3	375.1	402.0	424.8
-50°	58.4	82.8	110.7	146.8	184.9	224.3	262.8	308.6	348.6	382.5	409.0
-52.5°	50.6	67.4	92.9	122.6	156.8	192.3	230.3	272.4	315.7	356.2	387.1
-55°	42.4	56.8	74.9	100.6	129.6	161.8	197.3	236.0	275.4	316.0	355.7
-57.5°	34.5	47.3	61.1	79.0	104.2	131.7	164.3	198.6	234.8	271.7	308.3
-60°	26.6	37.8	50.2	63.3	78.7	103.4	130.4	160.6	192.8	225.9	259.0
-62.5°	19.0	28.2	39.1	50.9	63.1	76.6	98.3	123.4	149.4	176.9	205.7
-65°	14.8	19.6	27.6	38.0	49.1	60.9	73.8	88.0	109.6	130.9	151.2
-67.5°	10.4	14.8	19.2	24.5	34.0	44.1	55.0	66.7	79.3	91.7	106.3
-70°	9.2	10.5	13.9	17.8	21.6	26.5	35.3	44.8	54.6	64.0	74.4
-72.5°	8.7	9.6	10.9	12.4	15.5	18.6	21.5	24.4	30.2	37.9	45.6
-75°	8.0	8.7	9.5	10.7	11.9	13.2	14.7	17.3	19.7	22.0	24.3
-77.5°	7.4	7.8	8.4	9.0	9.7	10.7	11.7	12.8	13.8	14.8	15.8
-80°	6.8	7.0	7.3	7.7	8.1	8.6	9.2	9.8	10.3	10.8	11.4
-82.5°	6.3	6.4	6.5	6.7	6.7	6.9	7.1	7.4	7.7	8.0	8.3
-85°	5.7	5.8	5.9	6.0	5.9	5.8	5.7	5.7	5.8	5.9	6.0
-87.5°	5.2	5.2	5.3	5.3	5.2	5.1	4.9	4.7	4.6	4.6	4.5
-90°	4.4	4.1	3.8	3.5	3.5	3.5	3.5	3.5	3.2	2.9	2.6



REPORT NUMBER: P1305582 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	3.5	3.5	3.5	3.5	3.5	4.1	4.7	5.2	5.8	6.4	7.0
87.5°	2.3	2.3	2.3	2.3	2.3	2.0	1.8	1.5	1.2	1.2	1.2
85°	3.1	2.9	2.7	2.5	2.3	2.3	2.2	2.2	2.2	2.0	1.7
82.5°	3.5	3.2	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.0	1.8
80°	3.5	3.2	2.9	2.6	2.3	2.3	2.3	2.3	2.3	2.0	1.8
77.5°	3.6	3.3	3.1	3.0	3.0	2.9	2.8	2.6	2.3	2.1	1.8
75°	3.6	3.5	3.6	3.6	3.5	3.3	3.0	2.7	2.4	2.3	2.3
72.5°	4.6	4.4	4.4	4.4	4.4	4.3	4.1	3.7	3.3	3.3	3.4
70°	6.9	7.0	7.0	6.9	6.5	6.0	5.5	5.1	4.6	4.5	4.5
67.5°	10.4	10.5	10.2	9.4	8.2	7.1	6.7	6.2	5.7	5.6	5.6
65°	14.9	13.8	12.6	11.3	9.8	8.1	7.6	7.2	6.8	6.8	7.2
62.5°	19.3	15.7	12.6	10.7	9.3	8.1	7.5	7.0	6.5	6.3	6.5
60°	21.2	15.0	10.9	9.7	8.4	7.2	6.5	5.9	5.4	5.1	5.3
57.5°	21.2	14.7	10.1	8.6	7.3	6.2	5.6	5.3	5.0	4.7	5.1
55°	18.9	13.1	8.6	7.4	6.6	6.1	5.7	5.7	5.6	5.4	5.6
52.5°	15.2	10.9	8.0	6.9	6.9	6.9	6.9	6.9	7.0	7.2	7.6
50°	12.1	9.3	8.5	8.0	8.2	8.3	8.1	8.6	9.2	9.5	9.8
47.5°	11.1	10.2	10.3	10.0	10.4	11.2	11.4	11.7	12.6	13.2	13.6
45°	12.3	13.2	13.8	14.7	15.3	16.6	17.1	17.1	19.0	20.3	21.0
42.5°	17.2	18.7	20.5	22.4	23.3	25.0	26.8	27.7	30.6	32.9	33.8
40°	26.0	26.8	30.7	33.0	34.8	37.0	42.4	46.0	51.6	62.1	69.7
37.5°	38.2	41.0	43.3	46.7	54.0	57.6	74.9	90.6	101.4	127.5	142.3
35°	55.9	63.6	61.0	76.0	94.5	117.7	143.0	180.7	210.6	245.9	278.5
32.5°	87.7	106.5	124.6	142.0	183.6	250.3	252.2	322.7	369.9	427.1	477.5
30°	138.8	205.2	288.8	316.4	433.5	564.4	528.1	636.3	743.5	807.2	1027.5
27.5°	273.9	423.6	589.6	800.5	1018.7	1243.7	1392.7	1444.9	1987.4	2386.2	2905.4
25°	468.7	731.3	1195.0	1536.6	1919.8	2419.4	2708.1	3096.7	4001.5	5129.1	6004.9
22.5°	747.0	1205.7	1818.4	2335.3	2909.6	3583.0	4192.1	5123.7	6530.8	8069.9	9379.3
20°	1058.8	1650.3	2426.6	3201.1	3953.9	4831.5	5891.2	7793.5	9967.6	12380.3	14561.4
17.5°	1634.1	2215.8	3209.9	4268.7	5338.3	6395.4	8725.7	11543.0	14946.4	18521.5	21696.7
15°	2456.3	3397.6	4383.7	5783.7	7564.0	9595.4	12546.7	17488.0	22773.9	28353.3	35004.6
12.5°	3529.2	4893.9	6373.1	7994.1	10407.8	14116.2	19011.9	25043.3	32609.3	40979.8	50444.4
10°	4624.1	6592.2	8629.3	10944.4	14125.7	18902.3	25224.8	32776.7	44675.4	56403.2	66281.2
7.5°	5514.2	7808.0	10378.1	13453.4	17600.0	23420.0	31233.1	42147.6	56337.4	70291.3	81342.0
5°	6349.5	8869.2	11544.8	14686.9	19685.9	26704.2	36113.6	49730.9	66706.6	81546.9	93388.3
2.5°	6955.2	9602.1	12370.1	15567.2	21266.6	28700.7	39031.1	55922.4	75461.5	90666.2	104243.7
0°	7223.4	9672.6	12320.4	15600.7	21318.5	29719.1	40042.8	58536.9	79514.0	95860.0	109498.5
-2.5°	6890.9	9268.6	12001.1	15205.7	20937.3	29007.3	39671.4	58242.5	79291.8	95869.1	109315.5
-5°	6539.1	8793.2	11329.8	14292.0	19518.4	27022.1	37902.4	55646.4	75845.5	92511.5	105628.3
-7.5°	6164.1	8227.2	10496.5	13154.2	17790.9	25011.6	35114.7	50090.7	68971.3	85940.3	98276.6
-10°	5735.4	7613.5	9999.9	12816.8	16853.2	23129.9	31485.1	43482.7	61166.9	76932.8	90477.4
-12.5°	5483.7	7486.9	9871.6	12458.9	15714.9	21246.4	28848.4	39082.5	51187.9	65832.8	77884.7
-15°	5160.1	7187.9	9552.9	11980.2	14994.1	19312.9	25315.1	32832.0	42043.1	51912.0	62609.3
-17.5°	4628.1	6654.7	8559.3	10837.4	13700.0	17112.2	21425.5	27259.2	33370.8	40363.3	46763.4
-20°	3752.2	5389.1	7190.2	9336.8	11797.6	14383.3	17263.7	21238.6	25115.5	30010.9	33940.9



REPORT NUMBER: P1305582 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2699.5	4083.2	5643.7	7417.6	9366.4	11580.1	13750.0	15847.6	18504.6	21603.3	24761.0
-25°	1758.1	2781.8	4133.1	5587.0	6948.0	8717.2	10276.1	11528.8	13320.5	14722.6	16636.2
-27.5°	1217.5	1882.8	2889.4	4047.8	5121.4	6253.8	7522.8	8378.1	9773.8	10532.3	11705.4
-30°	890.8	1264.3	1988.2	2854.6	3789.9	4753.8	5659.8	6600.1	7571.0	8429.5	9080.5
-32.5°	790.0	936.6	1293.6	1917.3	2649.1	3457.4	4224.6	5044.4	5817.8	6483.2	7020.3
-35°	721.5	803.8	915.9	1245.6	1682.4	2313.4	2917.0	3580.6	4201.8	4716.2	5147.4
-37.5°	667.2	733.2	803.8	876.1	1121.3	1397.4	1826.4	2287.6	2686.3	3141.7	3493.6
-40°	605.7	676.0	732.6	790.4	855.4	924.7	1156.9	1363.3	1588.6	1896.0	2147.3
-42.5°	542.2	603.4	667.1	720.8	769.9	821.7	873.9	920.1	1034.5	1170.0	1272.9
-45°	498.2	541.5	588.2	645.2	698.0	742.8	785.0	825.5	867.0	905.4	937.2
-47.5°	459.4	494.5	532.9	572.1	611.8	657.9	701.2	742.3	778.3	811.0	837.3
-50°	431.2	455.4	487.4	518.3	552.2	584.4	613.2	646.8	683.7	717.2	744.0
-52.5°	416.9	438.1	456.4	478.6	509.2	536.2	559.9	586.6	612.1	635.6	652.8
-55°	388.8	416.5	443.3	468.2	489.3	508.6	529.1	555.3	577.8	597.1	607.8
-57.5°	344.7	380.3	414.1	445.6	475.4	503.4	526.6	547.3	568.2	588.0	597.1
-60°	292.6	326.6	361.8	399.9	438.3	476.5	504.6	531.4	556.7	577.9	589.2
-62.5°	236.6	267.6	299.1	333.4	369.9	405.7	436.3	468.4	501.2	529.4	547.5
-65°	173.0	199.4	227.6	255.7	283.5	312.1	339.4	366.4	392.5	413.7	428.5
-67.5°	124.0	141.0	158.5	176.6	198.1	220.1	240.4	259.9	278.7	293.6	304.7
-70°	85.3	96.2	106.5	118.0	131.8	145.2	157.7	169.5	180.6	190.0	197.9
-72.5°	53.1	60.3	67.4	75.4	83.3	90.8	97.8	104.4	110.5	116.1	121.1
-75°	26.7	30.0	35.7	41.1	46.1	51.4	56.3	60.5	64.2	67.3	70.0
-77.5°	17.3	19.4	21.5	23.5	25.3	27.7	30.4	33.2	35.9	38.1	40.1
-80°	12.1	13.3	14.6	15.9	17.1	18.7	20.2	21.8	23.3	24.3	25.2
-82.5°	8.6	9.3	10.0	10.8	11.5	12.6	13.7	14.8	15.9	16.6	17.3
-85°	6.2	6.5	6.8	7.2	7.5	8.5	9.5	10.5	11.4	12.1	12.7
-87.5°	4.5	4.5	4.5	4.6	4.6	5.5	6.3	7.2	8.1	8.4	8.8
-90°	2.3	2.3	2.3	2.3	2.3	2.0	1.8	1.5	1.2	1.2	1.2



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 CATALOG NUMBER: EPH-08-320L-57-80-4S-CV2-A

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	7.6	8.2	8.2	8.2	8.2	8.2	7.6	7.0	6.4	5.8	5.2
87.5°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.5
85°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.7	2.0	2.2	2.2
82.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.3
80°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.0	2.3	2.3
77.5°	1.5	1.2	1.2	1.2	1.2	1.2	1.5	1.8	2.1	2.3	2.6
75°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.4	2.7
72.5°	3.4	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.3	3.3	3.7
70°	4.6	4.7	4.1	3.5	4.1	4.7	4.6	4.5	4.5	4.6	5.1
67.5°	5.7	5.8	6.3	7.0	6.3	5.8	5.7	5.6	5.6	5.7	6.2
65°	7.6	8.0	7.6	7.0	7.6	8.0	7.6	7.2	6.8	6.8	7.2
62.5°	6.7	7.0	6.5	5.8	6.5	7.0	6.7	6.5	6.3	6.5	7.0
60°	5.5	5.8	5.8	5.8	5.8	5.8	5.5	5.3	5.1	5.4	5.9
57.5°	5.4	5.7	5.8	5.8	5.8	5.7	5.4	5.1	4.7	5.0	5.3
55°	5.7	5.8	5.8	5.8	5.8	5.8	5.7	5.6	5.4	5.6	5.7
52.5°	7.8	8.0	8.2	8.2	8.2	8.0	7.8	7.6	7.2	7.0	6.9
50°	10.1	10.3	10.5	10.5	10.5	10.3	10.1	9.8	9.5	9.2	8.6
47.5°	13.9	13.9	13.9	14.0	13.9	13.9	13.9	13.6	13.2	12.6	11.7
45°	21.3	21.1	20.8	21.0	20.8	21.1	21.3	21.0	20.3	19.0	17.1
42.5°	34.7	34.8	34.8	35.1	34.8	34.8	34.7	33.8	32.9	30.6	27.7
40°	71.8	69.2	65.5	65.5	65.5	69.2	71.8	69.7	62.1	51.6	46.0
37.5°	149.6	152.1	151.8	154.3	151.8	152.1	149.6	142.3	127.5	101.4	90.6
35°	303.3	316.9	320.0	319.1	320.0	316.9	303.3	278.5	245.9	210.6	180.7
32.5°	499.5	517.6	522.6	529.6	522.6	517.6	499.5	477.5	427.1	369.9	322.7
30°	878.2	902.5	879.3	832.4	879.3	902.5	878.2	1027.5	807.2	743.5	636.3
27.5°	3182.0	3298.6	3036.0	2940.1	3036.0	3298.6	3182.0	2905.4	2386.2	1987.4	1444.9
25°	6484.7	7000.9	7529.9	7483.0	7529.9	7000.9	6484.7	6004.9	5129.1	4001.5	3096.7
22.5°	10465.5	10988.5	11424.5	11574.6	11424.5	10988.5	10465.5	9379.3	8069.9	6530.8	5123.7
20°	16576.5	17595.1	18324.4	17547.2	18324.4	17595.1	16576.5	14561.4	12380.3	9967.6	7793.5
17.5°	26496.5	29563.9	31157.3	32163.6	31157.3	29563.9	26496.5	21696.7	18521.5	14946.4	11543.0
15°	41131.3	45757.2	48319.9	50017.0	48319.9	45757.2	41131.3	35004.6	28353.3	22773.9	17488.0
12.5°	58008.8	63052.4	65317.5	67166.1	65317.5	63052.4	58008.8	50444.4	40979.8	32609.3	25043.3
10°	74053.1	79502.0	83274.6	85235.3	83274.6	79502.0	74053.1	66281.2	56403.2	44675.4	32776.7
7.5°	88753.6	95419.2	99247.4	100466.0	99247.4	95419.2	88753.6	81342.0	70291.3	56337.4	42147.6
5°	103132.6	109079.8	113683.7	114727.6	113683.7	109079.8	103132.6	93388.3	81546.9	66706.6	49730.9
2.5°	114203.9	121331.4	125464.8	126714.3	125464.8	121331.4	114203.9	104243.7	90666.2	75461.5	55922.4
0°	119277.5	125912.9	130807.0	132562.4	130807.0	125912.9	119277.5	109498.5	95860.0	79514.0	58536.9
-2.5°	118216.3	124331.2	127834.4	128438.0	127834.4	124331.2	118216.3	109315.5	95869.1	79291.8	58242.5
-5°	114483.9	120102.3	123562.4	123661.3	123562.4	120102.3	114483.9	105628.3	92511.5	75845.5	55646.4
-7.5°	106285.7	111539.5	113951.7	114557.6	113951.7	111539.5	106285.7	98276.6	85940.3	68971.3	50090.7
-10°	97941.4	102815.6	105095.1	105347.3	105095.1	102815.6	97941.4	90477.4	76932.8	61166.9	43482.7
-12.5°	87132.9	92348.3	94624.2	95694.6	94624.2	92348.3	87132.9	77884.7	65832.8	51187.9	39082.5
-15°	71048.6	76091.9	78822.3	80838.5	78822.3	76091.9	71048.6	62609.3	51912.0	42043.1	32832.0
-17.5°	53814.4	58137.1	60827.9	63277.4	60827.9	58137.1	53814.4	46763.4	40363.3	33370.8	27259.2
-20°	38313.6	41066.5	41912.0	43232.0	41912.0	41066.5	38313.6	33940.9	30010.9	25115.5	21238.6



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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°	26909.6	28474.8	29466.2	30026.6	29466.2	28474.8	26909.6	24761.0	21603.3	18504.6	15847.6
-25°	18242.8	19328.3	19750.5	20237.1	19750.5	19328.3	18242.8	16636.2	14722.6	13320.5	11528.8
-27.5°	12219.8	12665.6	12970.0	13135.2	12970.0	12665.6	12219.8	11705.4	10532.3	9773.8	8378.1
-30°	9604.6	10012.2	10256.6	10334.2	10256.6	10012.2	9604.6	9080.5	8429.5	7571.0	6600.1
-32.5°	7436.1	7744.2	7908.9	7930.7	7908.9	7744.2	7436.1	7020.3	6483.2	5817.8	5044.4
-35°	5508.9	5789.5	5944.9	5934.0	5944.9	5789.5	5508.9	5147.4	4716.2	4201.8	3580.6
-37.5°	3796.1	4034.0	4180.0	4217.9	4180.0	4034.0	3796.1	3493.6	3141.7	2686.3	2287.6
-40°	2374.8	2549.5	2653.8	2667.7	2653.8	2549.5	2374.8	2147.3	1896.0	1588.6	1363.3
-42.5°	1363.2	1434.0	1473.7	1471.8	1473.7	1434.0	1363.2	1272.9	1170.0	1034.5	920.1
-45°	958.1	973.9	982.9	984.3	982.9	973.9	958.1	937.2	905.4	867.0	825.5
-47.5°	856.3	871.3	879.3	880.3	879.3	871.3	856.3	837.3	811.0	778.3	742.3
-50°	765.4	783.2	792.9	794.9	792.9	783.2	765.4	744.0	717.2	683.7	646.8
-52.5°	666.8	678.6	682.5	680.4	682.5	678.6	666.8	652.8	635.6	612.1	586.6
-55°	617.8	627.4	631.5	632.4	631.5	627.4	617.8	607.8	597.1	577.8	555.3
-57.5°	605.9	614.5	617.1	617.2	617.1	614.5	605.9	597.1	588.0	568.2	547.3
-60°	600.2	611.0	613.0	611.4	613.0	611.0	600.2	589.2	577.9	556.7	531.4
-62.5°	563.5	577.2	581.5	581.0	581.5	577.2	563.5	547.5	529.4	501.2	468.4
-65°	441.0	451.1	456.3	458.3	456.3	451.1	441.0	428.5	413.7	392.5	366.4
-67.5°	313.7	320.7	322.9	322.7	322.9	320.7	313.7	304.7	293.6	278.7	259.9
-70°	204.5	209.9	210.5	209.3	210.5	209.9	204.5	197.9	190.0	180.6	169.5
-72.5°	125.5	129.2	128.9	127.4	128.9	129.2	125.5	121.1	116.1	110.5	104.4
-75°	72.2	74.0	73.5	72.5	73.5	74.0	72.2	70.0	67.3	64.2	60.5
-77.5°	42.1	44.0	44.3	44.4	44.3	44.0	42.1	40.1	38.1	35.9	33.2
-80°	26.0	26.8	26.9	26.9	26.9	26.8	26.0	25.2	24.3	23.3	21.8
-82.5°	18.0	18.6	18.7	18.7	18.7	18.6	18.0	17.3	16.6	15.9	14.8
-85°	13.3	14.0	14.0	14.0	14.0	14.0	13.3	12.7	12.1	11.4	10.5
-87.5°	9.1	9.4	9.4	9.4	9.4	9.4	9.1	8.8	8.4	8.1	7.2
-90°	1.2	1.2	0.6	0.0	0.6	1.2	1.2	1.2	1.2	1.2	1.5



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	4.7	4.1	3.5	3.5	3.5	3.5	3.5	3.8	4.1	4.4	4.7
87.5°	1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.2	3.5
85°	2.2	2.3	2.3	2.5	2.7	2.9	3.1	3.1	3.2	3.3	3.5
82.5°	2.3	2.3	2.3	2.6	2.9	3.2	3.5	3.5	3.5	3.5	3.5
80°	2.3	2.3	2.3	2.6	2.9	3.2	3.5	3.6	3.5	3.5	3.6
77.5°	2.8	2.9	3.0	3.0	3.1	3.3	3.6	3.9	4.1	4.2	4.2
75°	3.0	3.3	3.5	3.6	3.6	3.5	3.6	3.9	4.2	4.5	4.7
72.5°	4.1	4.3	4.4	4.4	4.4	4.4	4.6	4.8	4.9	4.8	4.7
70°	5.5	6.0	6.5	6.9	7.0	7.0	6.9	6.7	6.5	6.5	6.1
67.5°	6.7	7.1	8.2	9.4	10.2	10.5	10.4	9.7	9.2	8.9	7.9
65°	7.6	8.1	9.8	11.3	12.6	13.8	14.9	14.9	14.1	12.6	10.0
62.5°	7.5	8.1	9.3	10.7	12.6	15.7	19.3	20.5	20.4	17.8	14.0
60°	6.5	7.2	8.4	9.7	10.9	15.0	21.2	25.5	28.0	23.7	18.0
57.5°	5.6	6.2	7.3	8.6	10.1	14.7	21.2	29.0	33.9	27.8	21.9
55°	5.7	6.1	6.6	7.4	8.6	13.1	18.9	26.0	31.6	29.8	23.4
52.5°	6.9	6.9	6.9	6.9	8.0	10.9	15.2	21.6	25.0	24.5	22.5
50°	8.1	8.3	8.2	8.0	8.5	9.3	12.1	16.8	18.7	19.7	18.9
47.5°	11.4	11.2	10.4	10.0	10.3	10.2	11.1	12.4	15.1	15.4	15.6
45°	17.1	16.6	15.3	14.7	13.8	13.2	12.3	13.7	14.3	14.8	13.1
42.5°	26.8	25.0	23.3	22.4	20.5	18.7	17.2	17.6	17.3	16.6	16.1
40°	42.4	37.0	34.8	33.0	30.7	26.8	26.0	23.9	22.7	20.7	21.4
37.5°	74.9	57.6	54.0	46.7	43.3	41.0	38.2	34.3	29.9	31.7	31.5
35°	143.0	117.7	94.5	76.0	61.0	63.6	55.9	48.3	45.4	47.9	45.6
32.5°	252.2	250.3	183.6	142.0	124.6	106.5	87.7	68.2	75.3	73.6	65.0
30°	528.1	564.4	433.5	316.4	288.8	205.2	138.8	127.5	121.8	107.9	90.0
27.5°	1392.7	1243.7	1018.7	800.5	589.6	423.6	273.9	202.5	181.9	157.0	127.9
25°	2708.1	2419.4	1919.8	1536.6	1195.0	731.3	468.7	331.2	259.2	217.8	179.3
22.5°	4192.1	3583.0	2909.6	2335.3	1818.4	1205.7	747.0	479.8	346.2	289.3	240.0
20°	5891.2	4831.5	3953.9	3201.1	2426.6	1650.3	1058.8	717.4	490.6	369.2	301.9
17.5°	8725.7	6395.4	5338.3	4268.7	3209.9	2215.8	1634.1	1093.6	646.7	452.6	363.5
15°	12546.7	9595.4	7564.0	5783.7	4383.7	3397.6	2456.3	1572.5	867.7	567.4	439.9
12.5°	19011.9	14116.2	10407.8	7994.1	6373.1	4893.9	3529.2	2282.0	1247.5	717.4	533.1
10°	25224.8	18902.3	14125.7	10944.4	8629.3	6592.2	4624.1	2916.5	1591.5	873.4	622.5
7.5°	31233.1	23420.0	17600.0	13453.4	10378.1	7808.0	5514.2	3500.9	1891.4	1025.7	707.7
5°	36113.6	26704.2	19685.9	14686.9	11544.8	8869.2	6349.5	4049.0	2143.7	1169.9	788.0
2.5°	39031.1	28700.7	21266.6	15567.2	12370.1	9602.1	6955.2	4387.6	2261.6	1247.0	833.0
0°	40042.8	29719.1	21318.5	15600.7	12320.4	9672.6	7223.4	4496.1	2284.3	1294.1	872.1
-2.5°	39671.4	29007.3	20937.3	15205.7	12001.1	9268.6	6890.9	4515.7	2412.1	1342.7	901.8
-5°	37902.4	27022.1	19518.4	14292.0	11329.8	8793.2	6539.1	4420.8	2470.2	1365.5	925.0
-7.5°	35114.7	25011.6	17790.9	13154.2	10496.5	8227.2	6164.1	4226.5	2440.2	1349.6	928.8
-10°	31485.1	23129.9	16853.2	12816.8	9999.9	7613.5	5735.4	3953.7	2316.0	1304.1	925.5
-12.5°	28848.4	21246.4	15714.9	12458.9	9871.6	7486.9	5483.7	3634.4	2086.6	1226.4	914.9
-15°	25315.1	19312.9	14994.1	11980.2	9552.9	7187.9	5160.1	3240.1	1731.0	1105.5	896.8
-17.5°	21425.5	17112.2	13700.0	10837.4	8559.3	6654.7	4628.1	2785.6	1474.9	980.3	849.7
-20°	17263.7	14383.3	11797.6	9336.8	7190.2	5389.1	3752.2	2174.2	1254.2	915.9	796.8



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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°	13750.0	11580.1	9366.4	7417.6	5643.7	4083.2	2699.5	1523.8	980.1	845.0	735.9
-25°	10276.1	8717.2	6948.0	5587.0	4133.1	2781.8	1758.1	1166.0	879.8	771.1	667.8
-27.5°	7522.8	6253.8	5121.4	4047.8	2889.4	1882.8	1217.5	879.8	789.1	696.1	600.4
-30°	5659.8	4753.8	3789.9	2854.6	1988.2	1264.3	890.8	784.5	709.2	627.6	542.6
-32.5°	4224.6	3457.4	2649.1	1917.3	1293.6	936.6	790.0	698.8	638.3	567.4	502.0
-35°	2917.0	2313.4	1682.4	1245.6	915.9	803.8	721.5	647.9	575.5	514.1	466.1
-37.5°	1826.4	1397.4	1121.3	876.1	803.8	733.2	667.2	594.0	521.6	476.2	434.7
-40°	1156.9	924.7	855.4	790.4	732.6	676.0	605.7	535.6	487.2	441.8	405.5
-42.5°	873.9	821.7	769.9	720.8	667.1	603.4	542.2	496.4	453.4	414.2	383.3
-45°	785.0	742.8	698.0	645.2	588.2	541.5	498.2	459.1	422.0	393.1	363.4
-47.5°	701.2	657.9	611.8	572.1	532.9	494.5	459.4	424.8	402.0	375.1	337.3
-50°	613.2	584.4	552.2	518.3	487.4	455.4	431.2	409.0	382.5	348.6	308.6
-52.5°	559.9	536.2	509.2	478.6	456.4	438.1	416.9	387.1	356.2	315.7	272.4
-55°	529.1	508.6	489.3	468.2	443.3	416.5	388.8	355.7	316.0	275.4	236.0
-57.5°	526.6	503.4	475.4	445.6	414.1	380.3	344.7	308.3	271.7	234.8	198.6
-60°	504.6	476.5	438.3	399.9	361.8	326.6	292.6	259.0	225.9	192.8	160.6
-62.5°	436.3	405.7	369.9	333.4	299.1	267.6	236.6	205.7	176.9	149.4	123.4
-65°	339.4	312.1	283.5	255.7	227.6	199.4	173.0	151.2	130.9	109.6	88.0
-67.5°	240.4	220.1	198.1	176.6	158.5	141.0	124.0	106.3	91.7	79.3	66.7
-70°	157.7	145.2	131.8	118.0	106.5	96.2	85.3	74.4	64.0	54.6	44.8
-72.5°	97.8	90.8	83.3	75.4	67.4	60.3	53.1	45.6	37.9	30.2	24.4
-75°	56.3	51.4	46.1	41.1	35.7	30.0	26.7	24.3	22.0	19.7	17.3
-77.5°	30.4	27.7	25.3	23.5	21.5	19.4	17.3	15.8	14.8	13.8	12.8
-80°	20.2	18.7	17.1	15.9	14.6	13.3	12.1	11.4	10.8	10.3	9.8
-82.5°	13.7	12.6	11.5	10.8	10.0	9.3	8.6	8.3	8.0	7.7	7.4
-85°	9.5	8.5	7.5	7.2	6.8	6.5	6.2	6.0	5.9	5.8	5.7
-87.5°	6.3	5.5	4.6	4.6	4.5	4.5	4.5	4.5	4.6	4.6	4.7
-90°	1.8	2.0	2.3	2.3	2.3	2.3	2.3	2.6	2.9	3.2	3.5



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
87.5°	3.5	3.5	3.5	3.5	3.8	4.1	4.4	4.7	4.7	4.7	4.7
85°	3.6	3.7	3.7	3.7	3.9	4.1	4.4	4.7	4.7	4.7	4.7
82.5°	3.8	4.1	4.3	4.4	4.4	4.4	4.5	4.7	4.7	4.7	4.7
80°	3.9	4.2	4.5	4.7	4.7	4.7	4.7	4.7	4.9	4.9	4.9
77.5°	4.2	4.3	4.5	4.7	4.7	4.7	4.7	4.8	5.0	5.1	5.1
75°	4.7	4.6	4.6	4.7	4.8	4.7	4.7	4.8	5.1	5.3	5.4
72.5°	4.7	4.7	4.7	4.8	5.0	5.0	4.9	4.8	5.1	5.3	5.6
70°	5.5	4.9	4.7	4.9	5.2	5.4	5.3	5.2	5.1	5.4	5.6
67.5°	7.0	6.3	5.6	5.1	5.2	5.5	5.7	5.5	5.4	5.4	5.7
65°	8.9	7.8	6.9	6.0	5.5	5.5	5.8	5.8	5.6	5.6	5.7
62.5°	11.1	9.3	8.2	7.0	6.1	5.7	5.8	5.8	5.8	5.7	5.7
60°	13.7	11.0	9.4	8.1	6.8	5.9	5.8	5.8	5.8	5.8	5.8
57.5°	16.4	12.2	10.5	9.2	7.9	6.5	5.8	5.8	5.8	5.8	5.8
55°	18.1	13.8	11.5	10.0	8.8	7.4	6.1	5.8	5.8	5.8	5.8
52.5°	17.9	14.9	12.7	10.7	9.3	8.3	6.9	5.8	5.8	5.8	5.8
50°	16.2	15.3	13.4	11.4	9.7	8.7	7.6	6.3	5.8	5.8	5.8
47.5°	15.5	15.5	13.9	11.8	10.0	9.0	8.0	6.9	5.8	5.8	5.8
45°	15.2	15.9	14.6	12.4	10.3	9.4	8.4	7.3	6.2	5.8	5.8
42.5°	15.5	16.7	15.9	13.0	11.4	9.7	8.7	7.6	6.5	5.9	5.8
40°	19.9	18.0	17.5	15.9	12.8	10.0	9.0	7.9	6.8	6.1	5.9
37.5°	25.6	22.0	19.4	21.3	15.5	11.6	9.2	8.1	7.2	6.5	6.1
35°	38.0	28.3	26.8	28.3	22.1	13.4	9.4	8.3	7.6	6.8	6.2
32.5°	53.4	42.5	40.5	36.8	30.3	15.5	10.6	8.9	7.9	7.1	6.4
30°	76.1	68.5	57.9	47.1	39.8	23.0	12.7	9.6	8.3	7.4	6.6
27.5°	110.5	97.4	79.4	62.9	49.6	32.1	15.5	10.6	8.6	7.7	6.8
25°	150.2	130.0	106.8	82.2	60.7	44.6	18.5	11.7	9.2	8.0	7.1
22.5°	198.7	165.1	136.0	103.6	77.3	58.8	25.2	14.1	10.0	8.3	7.3
20°	249.2	201.8	167.4	127.4	97.3	72.8	36.1	16.6	10.9	8.5	7.5
17.5°	301.9	248.7	205.2	155.5	117.8	87.9	47.6	19.1	11.9	8.8	7.7
15°	372.8	308.6	246.6	185.3	137.3	103.7	59.7	21.6	12.8	9.0	8.0
12.5°	447.7	371.1	290.4	216.2	155.9	119.9	71.8	24.1	13.8	9.6	8.2
10°	522.0	435.1	335.5	247.3	173.4	136.2	83.8	27.4	16.1	10.7	8.5
7.5°	594.8	499.0	381.0	278.0	192.2	157.5	103.5	33.0	18.6	11.8	8.7
5°	660.7	556.0	425.8	315.5	222.1	183.7	124.4	38.6	21.0	13.0	9.0
2.5°	702.6	600.2	467.9	351.5	251.2	208.8	144.3	44.0	23.4	14.1	9.2
0°	740.0	639.5	506.2	384.6	279.4	232.6	162.5	49.1	25.7	15.2	9.4
-2.5°	763.7	662.5	527.1	410.9	308.5	258.7	184.5	63.5	34.0	19.6	11.2
-5°	783.6	680.5	544.7	434.3	336.2	282.9	203.5	77.1	42.0	23.8	12.9
-7.5°	790.8	684.1	553.8	452.8	362.5	305.0	218.8	89.5	49.3	27.6	14.5
-10°	790.9	676.5	550.8	452.5	368.8	314.3	228.0	100.4	55.9	31.0	15.9
-12.5°	785.3	663.7	545.2	449.1	370.0	311.7	221.3	107.6	61.4	33.8	17.1
-15°	773.6	645.8	537.2	442.6	369.2	307.6	213.0	112.3	65.7	36.2	18.1
-17.5°	749.9	622.6	526.9	432.8	366.4	301.8	203.6	115.4	68.9	38.1	19.0
-20°	694.0	589.3	514.4	419.9	361.5	294.6	193.3	116.9	70.8	39.3	20.0



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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°	635.1	550.9	482.6	411.5	353.2	286.0	182.5	116.6	71.5	39.5	20.6
-25°	574.7	511.7	448.1	392.0	341.3	269.8	176.2	114.5	70.7	38.9	20.9
-27.5°	526.1	472.5	414.9	372.5	321.9	254.2	173.0	113.4	69.1	37.2	20.7
-30°	482.4	436.2	390.8	352.4	302.2	232.1	167.4	110.4	67.1	36.1	20.1
-32.5°	448.2	402.5	369.5	329.9	277.9	209.6	155.3	105.4	63.7	35.3	19.6
-35°	420.9	379.8	348.5	307.5	251.7	191.9	140.5	98.5	58.9	34.0	18.9
-37.5°	394.0	362.5	324.3	282.4	225.6	172.6	126.7	87.7	52.6	32.0	17.8
-40°	375.1	342.3	302.7	254.2	202.0	151.9	111.9	77.2	48.5	29.4	16.3
-42.5°	355.2	317.9	275.3	226.6	177.8	134.4	96.5	66.1	43.9	26.9	14.4
-45°	328.0	290.1	245.2	199.3	153.1	116.0	83.8	55.4	38.8	24.1	12.7
-47.5°	298.2	257.1	215.0	171.4	132.0	97.8	70.5	49.3	33.3	20.9	11.8
-50°	262.8	224.3	184.9	146.8	110.7	82.8	58.4	42.7	28.7	16.8	10.7
-52.5°	230.3	192.3	156.8	122.6	92.9	67.4	50.6	35.8	23.6	14.3	9.4
-55°	197.3	161.8	129.6	100.6	74.9	56.8	42.4	29.7	18.3	12.4	8.0
-57.5°	164.3	131.7	104.2	79.0	61.1	47.3	34.5	23.1	15.0	10.3	7.8
-60°	130.4	103.4	78.7	63.3	50.2	37.8	26.6	17.3	12.3	8.4	7.6
-62.5°	98.3	76.6	63.1	50.9	39.1	28.2	19.0	13.9	9.4	8.1	7.3
-65°	73.8	60.9	49.1	38.0	27.6	19.6	14.8	10.3	8.5	7.8	7.1
-67.5°	55.0	44.1	34.0	24.5	19.2	14.8	10.4	8.9	8.2	7.4	7.1
-70°	35.3	26.5	21.6	17.8	13.9	10.5	9.2	8.4	7.8	7.3	7.1
-72.5°	21.5	18.6	15.5	12.4	10.9	9.6	8.7	8.0	7.5	7.2	7.0
-75°	14.7	13.2	11.9	10.7	9.5	8.7	8.0	7.6	7.2	7.0	6.7
-77.5°	11.7	10.7	9.7	9.0	8.4	7.8	7.4	7.1	6.9	6.6	6.4
-80°	9.2	8.6	8.1	7.7	7.3	7.0	6.8	6.6	6.4	6.2	6.0
-82.5°	7.1	6.9	6.7	6.7	6.5	6.4	6.3	6.1	6.0	5.8	5.7
-85°	5.7	5.8	5.9	6.0	5.9	5.8	5.7	5.6	5.5	5.5	5.4
-87.5°	4.9	5.1	5.2	5.3	5.3	5.2	5.2	5.2	5.1	5.1	5.0
-90°	3.5	3.5	3.5	3.5	3.8	4.1	4.4	4.7	4.7	4.7	4.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
87.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
85°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
82.5°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
80°	4.7	4.7	4.7	4.7	4.7	4.7	4.7
77.5°	5.0	4.8	4.7	4.7	4.7	4.7	4.7
75°	5.3	5.0	4.7	4.7	4.7	4.7	4.7
72.5°	5.6	5.2	4.9	4.7	4.7	4.7	4.7
70°	5.8	5.5	5.1	4.7	4.7	4.7	4.7
67.5°	5.8	5.7	5.3	4.9	4.7	4.7	4.7
65°	5.8	5.8	5.5	5.0	4.7	4.7	4.7
62.5°	5.8	5.8	5.6	5.1	4.7	4.7	4.7
60°	5.8	5.8	5.8	5.2	4.7	4.7	4.7
57.5°	5.8	5.8	5.8	5.4	4.8	4.7	4.7
55°	5.8	5.8	5.8	5.5	4.9	4.7	4.7
52.5°	5.8	5.8	5.8	5.6	4.9	4.7	4.7
50°	5.8	5.8	5.8	5.7	5.0	4.7	4.7
47.5°	5.8	5.8	5.8	5.8	5.1	4.7	4.7
45°	5.8	5.8	5.8	5.8	5.2	4.7	4.7
42.5°	5.8	5.8	5.8	5.8	5.2	4.7	4.7
40°	5.8	5.8	5.8	5.8	5.3	4.7	4.7
37.5°	5.8	5.8	5.8	5.8	5.3	4.7	4.7
35°	5.8	5.8	5.8	5.8	5.4	4.7	4.7
32.5°	5.8	5.8	5.8	5.8	5.5	4.7	4.7
30°	6.0	5.8	5.8	5.8	5.5	4.7	4.7
27.5°	6.1	5.8	5.8	5.8	5.6	4.7	4.7
25°	6.2	5.8	5.8	5.8	5.6	4.7	4.7
22.5°	6.4	5.8	5.8	5.8	5.6	4.7	4.7
20°	6.5	5.9	5.8	5.8	5.7	4.7	4.7
17.5°	6.7	6.0	5.8	5.8	5.7	4.7	4.7
15°	6.8	6.1	5.8	5.8	5.7	4.7	4.7
12.5°	6.9	6.3	5.8	5.8	5.7	4.7	4.7
10°	6.9	6.4	5.8	5.8	5.8	4.7	4.7
7.5°	7.0	6.6	5.8	5.8	5.8	4.7	4.7
5°	7.0	6.7	5.8	5.8	5.8	4.7	4.7
2.5°	7.0	6.9	5.8	5.8	5.8	4.7	4.7
0°	7.0	7.0	5.8	5.8	5.8	4.7	4.7
-2.5°	7.6	7.0	5.8	5.8	5.8	4.7	4.7
-5°	8.2	7.0	5.8	5.8	5.8	4.7	4.7
-7.5°	8.8	6.9	5.8	5.8	5.8	4.7	4.7
-10°	9.3	6.9	5.8	5.8	5.8	4.7	4.7
-12.5°	9.7	6.9	5.8	5.8	5.7	4.7	4.7
-15°	9.9	6.8	5.8	5.8	5.7	4.7	4.7
-17.5°	10.1	6.7	5.8	5.8	5.7	4.7	4.7
-20°	10.3	6.6	5.8	5.8	5.7	4.7	4.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	10.7	6.5	5.8	5.8	5.6	4.7	4.7
-25°	10.9	6.6	5.8	5.8	5.6	4.7	4.7
-27.5°	10.9	6.7	5.8	5.8	5.6	4.7	4.7
-30°	10.6	6.8	5.8	5.8	5.5	4.7	4.7
-32.5°	10.0	6.7	5.9	5.8	5.5	4.7	4.7
-35°	9.7	6.6	5.9	5.8	5.4	4.7	4.7
-37.5°	9.5	6.4	6.0	5.8	5.3	4.7	4.7
-40°	9.2	6.5	6.0	5.8	5.3	4.7	4.7
-42.5°	8.8	6.5	6.0	5.8	5.2	4.7	4.7
-45°	8.2	6.5	6.1	5.8	5.2	4.7	4.7
-47.5°	7.4	6.5	6.1	5.9	5.1	4.7	4.7
-50°	7.2	6.5	6.1	5.8	5.0	4.7	4.7
-52.5°	7.2	6.4	6.2	5.7	4.9	4.7	4.7
-55°	7.1	6.4	6.2	5.6	4.9	4.7	4.7
-57.5°	6.9	6.5	6.2	5.5	4.8	4.7	4.7
-60°	6.8	6.5	6.2	5.4	4.7	4.7	4.7
-62.5°	6.8	6.5	6.1	5.3	4.7	4.7	4.7
-65°	6.8	6.6	5.9	5.2	4.7	4.7	4.7
-67.5°	6.9	6.5	5.8	5.1	4.7	4.7	4.7
-70°	6.9	6.3	5.6	5.0	4.7	4.7	4.7
-72.5°	6.7	6.0	5.4	4.9	4.7	4.7	4.7
-75°	6.4	5.8	5.2	4.9	4.7	4.7	4.7
-77.5°	6.1	5.6	5.2	4.9	4.7	4.7	4.7
-80°	5.8	5.4	5.1	4.8	4.7	4.7	4.7
-82.5°	5.5	5.2	5.0	4.8	4.7	4.7	4.7
-85°	5.3	5.1	4.9	4.8	4.7	4.7	4.7
-87.5°	5.0	4.9	4.8	4.7	4.7	4.7	4.7
-90°	4.7	4.7	4.7	4.7	4.7	4.7	4.7

(END OF REPORT)