

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: LUMIERE

Report Number: P220317 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220317 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29410)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: LUMIERE  
Catalog Number: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,  
MEDIUM FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 2700K CCT, 97 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

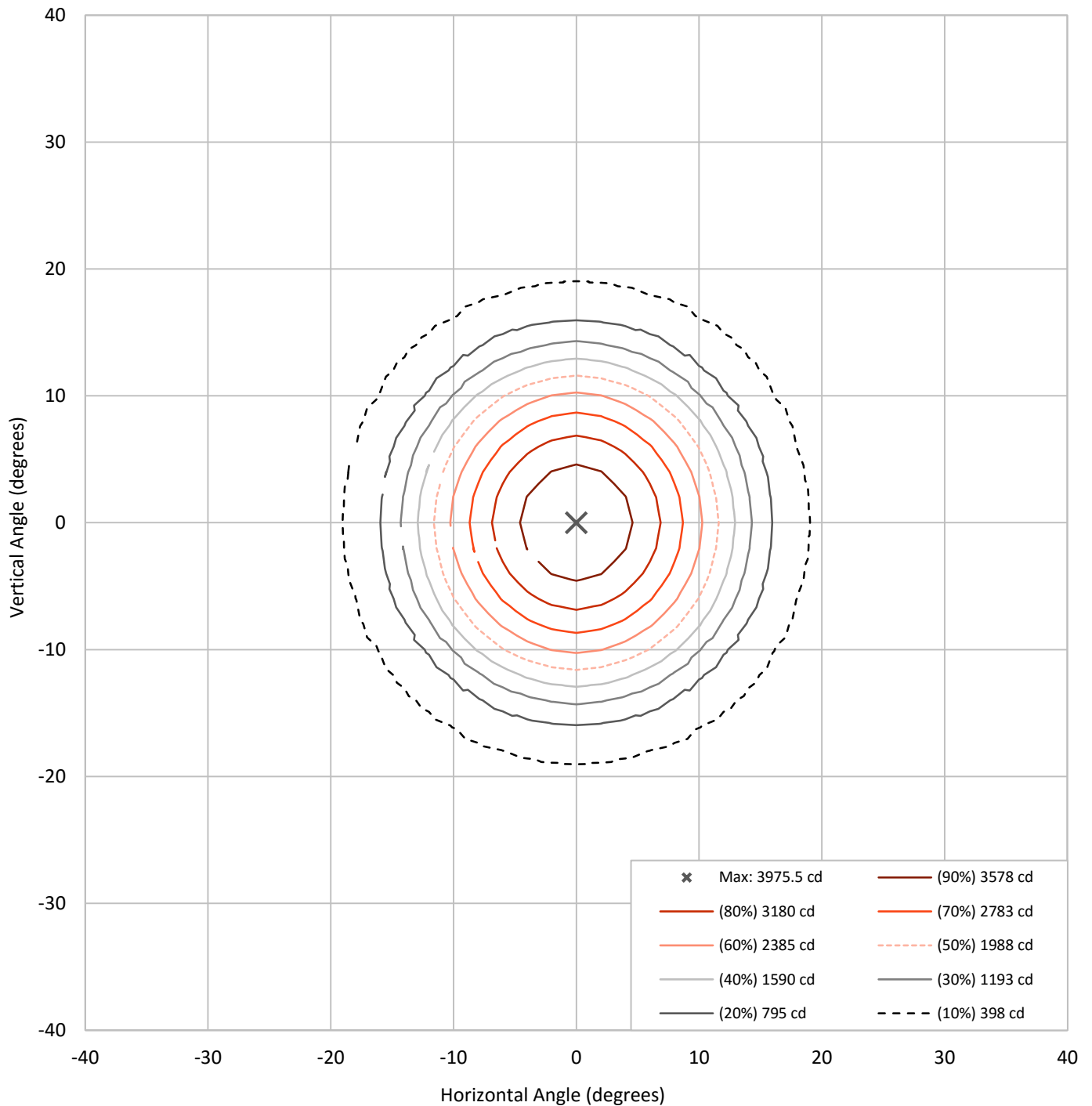
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	709.5 lumens	Max Intensity:	3975.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	70.9 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.2°H x 23.2°V	Field Angle (10%):	38.1°H x 38.1°V
Beam Lumens:	372.2 lumens	Field Lumens:	574.2 lumens
Beam Efficiency:	52.5%	Field Efficiency:	80.9%
Input Watts (W):	10		
Input Voltage (V):	120		
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



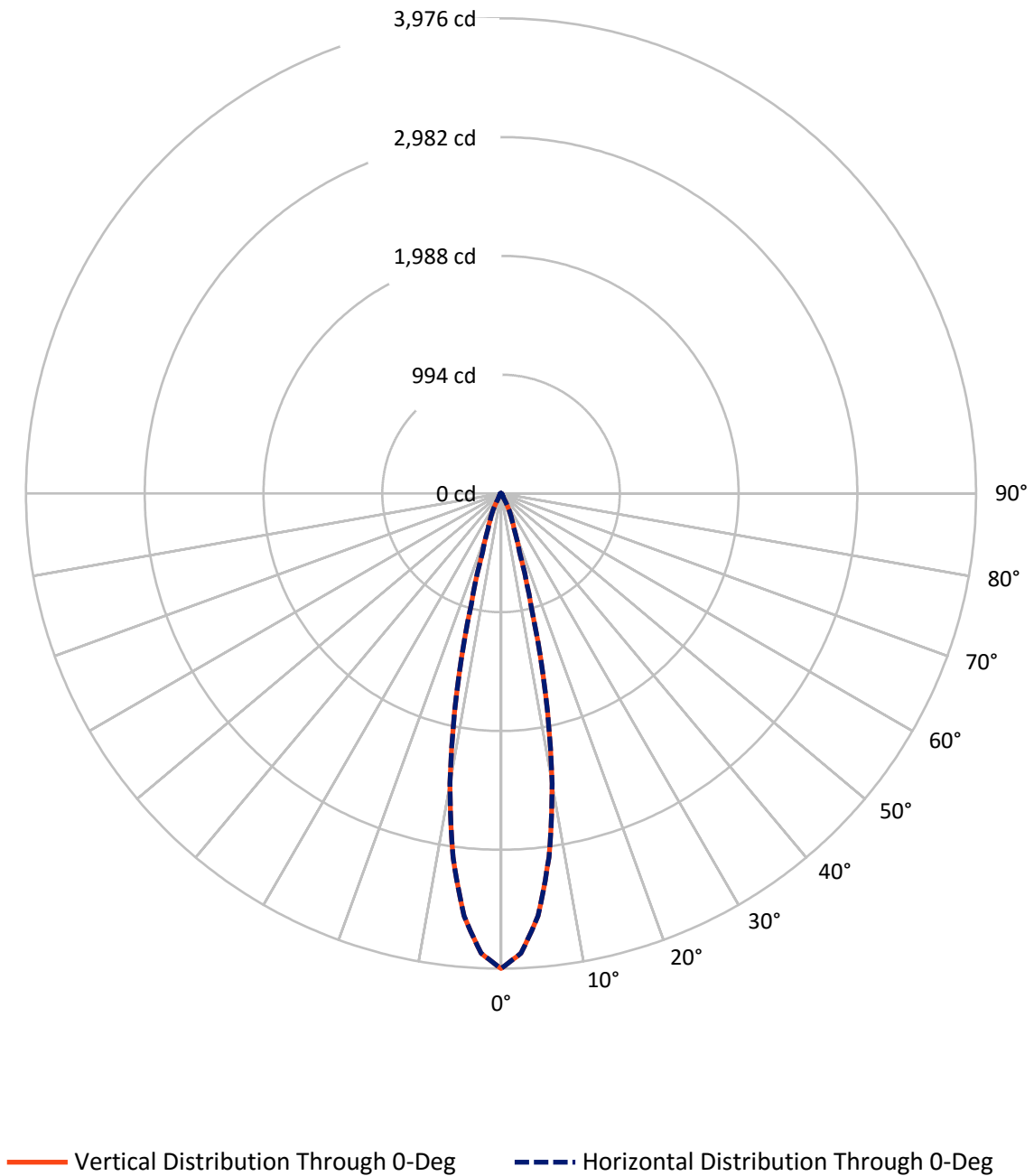
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### Lumen Table

90	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0										
80	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0										
70	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0			
60		0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1				
50	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.2	0.1	0.1	0.1			
40		0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.7	0.5	0.4	0.3	0.2	0.1	0.1				
30	0.1	0.1	0.2	0.2	0.3	0.7	2.2	4.6	4.6	2.2	0.7	0.3	0.2	0.2	0.1	0.1			
20		0.1	0.2	0.3	0.4	2.1	9.5	28.0	28.0	9.5	2.1	0.4	0.3	0.2	0.1				
10	0.1	0.1	0.2	0.3	0.6	4.2	27.4	88.6	88.6	27.4	4.2	0.6	0.3	0.2	0.1	0.1			
0		0.1	0.2	0.3	0.6	4.2	27.4	88.6	88.6	27.4	4.2	0.6	0.3	0.2	0.1				
-10	0.1	0.1	0.2	0.3	0.6	4.2	27.4	88.6	88.6	27.4	4.2	0.6	0.3	0.2	0.1	0.1			
-20		0.1	0.2	0.3	0.4	2.1	9.5	28.0	28.0	9.5	2.1	0.4	0.3	0.2	0.1				
-30	0.1	0.1	0.2	0.2	0.3	0.7	2.2	4.6	4.6	2.2	0.7	0.3	0.2	0.2	0.1	0.1			
-40		0.1	0.1	0.2	0.3	0.4	0.5	0.7	0.7	0.5	0.4	0.3	0.2	0.1	0.1				
-50	0.1	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.2	0.1	0.1	0.1			
-60		0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.2	0.1	0.1				
-70	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.0			
-80		0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0				
-90	0.0	0.1	0.2	0.3	0.4	0.3	0.2	0.1	0.0										

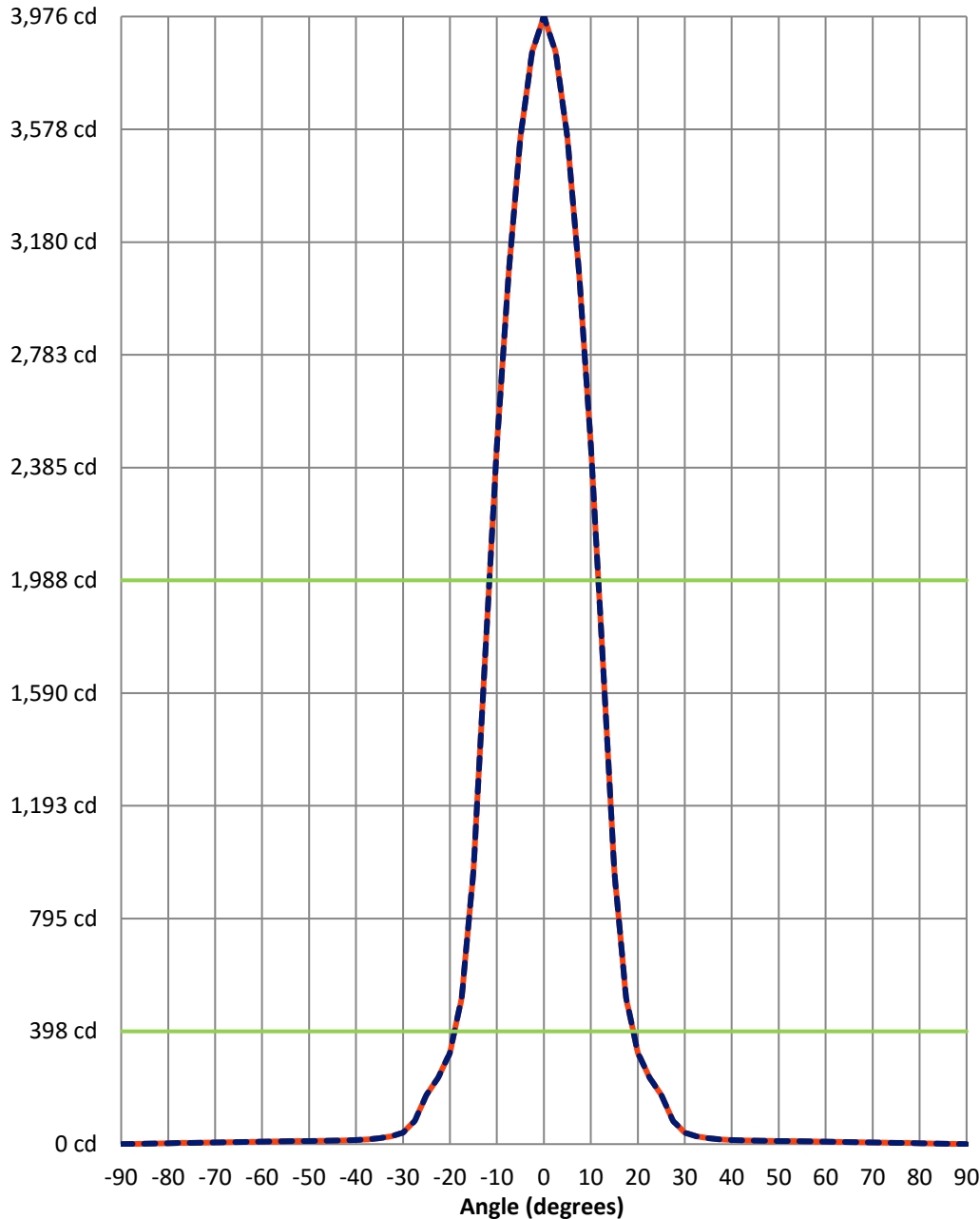
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 23.2°  
 V Angle: 23.2°  
 Lumens: 372.2  
 Efficiency: 52.5%

**Field:**  
 H Angle: 38.1°  
 V Angle: 38.1°  
 Lumens: 574.2  
 Efficiency: 80.9%

**Spill:**  
 Lumens: 135.3  
 Efficiency: 19.1%

— 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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
77.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.5
75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8
72.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1
70°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.2	2.4
67.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.2	2.5	2.7
65°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1
62.5°	0.0	0.3	0.6	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.6
60°	0.0	0.3	0.7	1.0	1.4	1.8	2.2	2.5	2.9	3.5	4.1
57.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.2	3.9	4.3
55°	0.0	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.6	4.3	4.3
52.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.2	4.0	4.3	4.3
50°	0.0	0.4	0.9	1.3	1.9	2.3	2.8	3.5	4.3	4.3	4.5
47.5°	0.0	0.5	0.9	1.4	2.0	2.5	2.9	3.9	4.3	4.3	4.8
45°	0.0	0.5	1.0	1.5	2.1	2.6	3.2	4.2	4.3	4.5	5.1
42.5°	0.0	0.5	1.0	1.6	2.2	2.7	3.5	4.3	4.3	4.7	5.3
40°	0.0	0.5	1.1	1.6	2.2	2.8	3.7	4.3	4.4	5.0	5.5
37.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.9	4.3	4.5	5.1	5.7
35°	0.0	0.6	1.1	1.8	2.4	3.0	4.2	4.3	4.7	5.3	5.9
32.5°	0.0	0.6	1.2	1.8	2.5	3.2	4.3	4.3	4.9	5.5	6.0
30°	0.0	0.6	1.2	1.9	2.5	3.3	4.3	4.3	5.0	5.6	6.2
27.5°	0.0	0.6	1.2	1.9	2.6	3.5	4.3	4.5	5.1	5.8	6.4
25°	0.0	0.6	1.3	2.0	2.6	3.6	4.3	4.6	5.3	5.9	6.5
22.5°	0.0	0.6	1.3	2.0	2.7	3.8	4.3	4.7	5.4	6.0	6.6
20°	0.0	0.7	1.3	2.1	2.7	3.9	4.3	4.8	5.4	6.1	6.8
17.5°	0.0	0.7	1.3	2.1	2.8	4.0	4.3	4.8	5.5	6.2	6.9
15°	0.0	0.7	1.4	2.1	2.8	4.1	4.3	4.9	5.6	6.3	6.9
12.5°	0.0	0.7	1.4	2.1	2.8	4.1	4.3	5.0	5.7	6.3	7.0
10°	0.0	0.7	1.4	2.2	2.9	4.2	4.3	5.0	5.7	6.4	7.1
7.5°	0.0	0.7	1.4	2.2	2.9	4.2	4.3	5.1	5.8	6.4	7.1
5°	0.0	0.7	1.4	2.2	2.9	4.3	4.3	5.1	5.8	6.5	7.2
2.5°	0.0	0.7	1.4	2.2	2.9	4.3	4.3	5.1	5.8	6.5	7.2
0°	0.0	0.7	1.4	2.2	2.9	4.3	4.3	5.1	5.8	6.5	7.2
-2.5°	0.0	0.7	1.4	2.2	2.9	4.3	4.3	5.1	5.8	6.5	7.2
-5°	0.0	0.7	1.4	2.2	2.9	4.3	4.3	5.1	5.8	6.5	7.2
-7.5°	0.0	0.7	1.4	2.2	2.9	4.2	4.3	5.1	5.8	6.4	7.1
-10°	0.0	0.7	1.4	2.2	2.9	4.2	4.3	5.0	5.7	6.4	7.1
-12.5°	0.0	0.7	1.4	2.1	2.8	4.1	4.3	5.0	5.7	6.3	7.0
-15°	0.0	0.7	1.4	2.1	2.8	4.1	4.3	4.9	5.6	6.3	6.9
-17.5°	0.0	0.7	1.3	2.1	2.8	4.0	4.3	4.8	5.5	6.2	6.9
-20°	0.0	0.7	1.3	2.1	2.7	3.9	4.3	4.8	5.4	6.1	6.8



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2797-M-WT-L1-UNV

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.6	1.3	2.0	2.7	3.8	4.3	4.7	5.4	6.0	6.6
-25°	0.0	0.6	1.3	2.0	2.6	3.6	4.3	4.6	5.3	5.9	6.5
-27.5°	0.0	0.6	1.2	1.9	2.6	3.5	4.3	4.5	5.1	5.8	6.4
-30°	0.0	0.6	1.2	1.9	2.5	3.3	4.3	4.3	5.0	5.6	6.2
-32.5°	0.0	0.6	1.2	1.8	2.5	3.2	4.3	4.3	4.9	5.5	6.0
-35°	0.0	0.6	1.1	1.8	2.4	3.0	4.2	4.3	4.7	5.3	5.9
-37.5°	0.0	0.6	1.1	1.7	2.3	2.9	3.9	4.3	4.5	5.1	5.7
-40°	0.0	0.5	1.1	1.6	2.2	2.8	3.7	4.3	4.4	5.0	5.5
-42.5°	0.0	0.5	1.0	1.6	2.2	2.7	3.5	4.3	4.3	4.7	5.3
-45°	0.0	0.5	1.0	1.5	2.1	2.6	3.2	4.2	4.3	4.5	5.1
-47.5°	0.0	0.5	0.9	1.4	2.0	2.5	2.9	3.9	4.3	4.3	4.8
-50°	0.0	0.4	0.9	1.3	1.9	2.3	2.8	3.5	4.3	4.3	4.5
-52.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.2	4.0	4.3	4.3
-55°	0.0	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.6	4.3	4.3
-57.5°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.2	3.9	4.3
-60°	0.0	0.3	0.7	1.0	1.4	1.8	2.2	2.5	2.9	3.5	4.1
-62.5°	0.0	0.3	0.6	1.0	1.3	1.6	2.0	2.3	2.6	3.0	3.6
-65°	0.0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.1
-67.5°	0.0	0.3	0.5	0.8	1.1	1.3	1.6	1.9	2.2	2.5	2.7
-70°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.7	1.9	2.2	2.4
-72.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.5	1.7	1.9	2.1
-75°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8
-77.5°	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.0	1.2	1.3	1.5
-80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
-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):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
85°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
82.5°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7
80°	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.2	2.3
77.5°	1.6	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9
75°	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.2	3.5	3.7	3.9
72.5°	2.3	2.5	2.7	2.9	3.2	3.5	3.9	4.2	4.3	4.3	4.3
70°	2.6	2.9	3.2	3.6	4.0	4.3	4.3	4.3	4.3	4.4	4.5
67.5°	3.0	3.5	3.9	4.3	4.3	4.3	4.3	4.5	4.7	5.0	5.1
65°	3.6	4.1	4.3	4.3	4.3	4.5	4.8	5.1	5.3	5.5	5.7
62.5°	4.2	4.3	4.3	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.2
60°	4.3	4.3	4.5	4.8	5.2	5.4	5.7	6.0	6.3	6.5	6.7
57.5°	4.3	4.5	4.9	5.2	5.5	5.9	6.2	6.5	6.7	7.0	7.3
55°	4.4	4.8	5.2	5.6	5.9	6.3	6.6	6.9	7.2	7.5	7.8
52.5°	4.7	5.2	5.5	5.9	6.3	6.6	7.0	7.3	7.7	8.0	8.3
50°	5.0	5.4	5.9	6.3	6.6	7.0	7.4	7.8	8.2	8.5	8.9
47.5°	5.3	5.7	6.2	6.6	7.0	7.4	7.8	8.2	8.7	9.0	9.4
45°	5.5	6.0	6.5	6.9	7.3	7.8	8.2	8.7	9.1	9.5	9.9
42.5°	5.8	6.3	6.7	7.2	7.7	8.2	8.7	9.1	9.5	9.9	10.3
40°	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	9.9	10.4	10.8
37.5°	6.2	6.7	7.3	7.8	8.3	8.9	9.4	9.9	10.3	10.8	10.8
35°	6.4	7.0	7.5	8.1	8.7	9.2	9.7	10.2	10.7	10.8	10.9
32.5°	6.6	7.2	7.7	8.4	8.9	9.5	10.0	10.6	10.8	10.9	11.4
30°	6.8	7.4	8.0	8.6	9.2	9.8	10.3	10.8	10.8	11.2	11.8
27.5°	7.0	7.6	8.2	8.9	9.5	10.0	10.6	10.8	11.0	11.6	12.2
25°	7.1	7.7	8.4	9.1	9.7	10.3	10.8	10.8	11.3	12.0	12.6
22.5°	7.3	7.9	8.6	9.3	9.9	10.5	10.8	11.0	11.6	12.3	12.9
20°	7.4	8.1	8.8	9.4	10.1	10.7	10.8	11.3	11.9	12.6	13.4
17.5°	7.5	8.2	8.9	9.6	10.2	10.8	10.8	11.5	12.2	12.8	13.9
15°	7.6	8.3	9.1	9.7	10.4	10.8	11.0	11.7	12.4	13.1	14.4
12.5°	7.7	8.5	9.2	9.8	10.5	10.8	11.2	11.9	12.6	13.5	15.1
10°	7.8	8.5	9.2	9.9	10.6	10.8	11.3	12.0	12.7	13.8	15.6
7.5°	7.8	8.6	9.3	10.0	10.7	10.8	11.4	12.1	12.9	14.1	16.0
5°	7.9	8.7	9.4	10.1	10.8	10.8	11.4	12.2	12.9	14.3	16.4
2.5°	7.9	8.7	9.4	10.1	10.8	10.8	11.5	12.3	13.0	14.4	16.5
0°	7.9	8.7	9.4	10.1	10.8	10.8	11.5	12.3	13.0	14.4	16.6
-2.5°	7.9	8.7	9.4	10.1	10.8	10.8	11.5	12.3	13.0	14.4	16.5
-5°	7.9	8.7	9.4	10.1	10.8	10.8	11.4	12.2	12.9	14.3	16.4
-7.5°	7.8	8.6	9.3	10.0	10.7	10.8	11.4	12.1	12.9	14.1	16.0
-10°	7.8	8.5	9.2	9.9	10.6	10.8	11.3	12.0	12.7	13.8	15.6
-12.5°	7.7	8.5	9.2	9.8	10.5	10.8	11.2	11.9	12.6	13.5	15.1
-15°	7.6	8.3	9.1	9.7	10.4	10.8	11.0	11.7	12.4	13.1	14.4
-17.5°	7.5	8.2	8.9	9.6	10.2	10.8	10.8	11.5	12.2	12.8	13.9
-20°	7.4	8.1	8.8	9.4	10.1	10.7	10.8	11.3	11.9	12.6	13.4



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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°	7.3	7.9	8.6	9.3	9.9	10.5	10.8	11.0	11.6	12.3	12.9
-25°	7.1	7.7	8.4	9.1	9.7	10.3	10.8	10.8	11.3	12.0	12.6
-27.5°	7.0	7.6	8.2	8.9	9.5	10.0	10.6	10.8	11.0	11.6	12.2
-30°	6.8	7.4	8.0	8.6	9.2	9.8	10.3	10.8	10.8	11.2	11.8
-32.5°	6.6	7.2	7.7	8.4	8.9	9.5	10.0	10.6	10.8	10.9	11.4
-35°	6.4	7.0	7.5	8.1	8.7	9.2	9.7	10.2	10.7	10.8	10.9
-37.5°	6.2	6.7	7.3	7.8	8.3	8.9	9.4	9.9	10.3	10.8	10.8
-40°	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	9.9	10.4	10.8
-42.5°	5.8	6.3	6.7	7.2	7.7	8.2	8.7	9.1	9.5	9.9	10.3
-45°	5.5	6.0	6.5	6.9	7.3	7.8	8.2	8.7	9.1	9.5	9.9
-47.5°	5.3	5.7	6.2	6.6	7.0	7.4	7.8	8.2	8.7	9.0	9.4
-50°	5.0	5.4	5.9	6.3	6.6	7.0	7.4	7.8	8.2	8.5	8.9
-52.5°	4.7	5.2	5.5	5.9	6.3	6.6	7.0	7.3	7.7	8.0	8.3
-55°	4.4	4.8	5.2	5.6	5.9	6.3	6.6	6.9	7.2	7.5	7.8
-57.5°	4.3	4.5	4.9	5.2	5.5	5.9	6.2	6.5	6.7	7.0	7.3
-60°	4.3	4.3	4.5	4.8	5.2	5.4	5.7	6.0	6.3	6.5	6.7
-62.5°	4.2	4.3	4.3	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.2
-65°	3.6	4.1	4.3	4.3	4.3	4.5	4.8	5.1	5.3	5.5	5.7
-67.5°	3.0	3.5	3.9	4.3	4.3	4.3	4.3	4.5	4.7	5.0	5.1
-70°	2.6	2.9	3.2	3.6	4.0	4.3	4.3	4.3	4.3	4.4	4.5
-72.5°	2.3	2.5	2.7	2.9	3.2	3.5	3.9	4.2	4.3	4.3	4.3
-75°	2.0	2.2	2.3	2.5	2.6	2.8	2.9	3.2	3.5	3.7	3.9
-77.5°	1.6	1.8	1.9	2.1	2.2	2.3	2.5	2.6	2.7	2.8	2.9
-80°	1.3	1.4	1.5	1.6	1.7	1.9	2.0	2.1	2.2	2.2	2.3
-82.5°	1.0	1.0	1.1	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7
-85°	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1
-87.5°	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6
-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):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
85°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
82.5°	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.2
80°	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9
77.5°	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.0	4.1	4.1	4.2
75°	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
72.5°	4.3	4.3	4.3	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.0
70°	4.7	4.9	5.0	5.1	5.3	5.4	5.4	5.5	5.6	5.7	5.7
67.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
65°	5.9	6.0	6.2	6.4	6.5	6.6	6.8	6.9	6.9	7.0	7.1
62.5°	6.4	6.6	6.8	7.0	7.1	7.3	7.4	7.5	7.6	7.7	7.8
60°	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.2	8.3	8.5	8.5
57.5°	7.5	7.7	8.0	8.2	8.4	8.6	8.8	8.9	9.1	9.2	9.2
55°	8.1	8.4	8.6	8.9	9.1	9.3	9.4	9.6	9.7	9.8	9.9
52.5°	8.7	8.9	9.2	9.5	9.7	9.9	10.1	10.2	10.4	10.5	10.6
50°	9.2	9.5	9.8	10.0	10.3	10.5	10.7	10.8	10.8	10.8	10.8
47.5°	9.7	10.0	10.3	10.6	10.8	10.8	10.8	10.8	11.0	11.2	11.3
45°	10.2	10.6	10.8	10.8	10.8	11.0	11.3	11.5	11.7	11.9	12.0
42.5°	10.7	10.8	10.8	11.0	11.3	11.6	11.9	12.2	12.4	12.6	12.7
40°	10.8	10.9	11.2	11.6	12.0	12.3	12.6	12.8	13.1	13.5	13.8
37.5°	10.9	11.4	11.8	12.2	12.6	12.9	13.4	13.9	14.4	15.1	15.6
35°	11.4	11.9	12.4	12.7	13.2	13.9	14.7	15.6	16.4	17.6	18.8
32.5°	11.9	12.4	12.8	13.5	14.3	15.4	16.5	18.4	20.1	22.0	23.9
30°	12.4	12.8	13.6	14.6	15.9	17.7	20.0	22.7	25.5	28.6	32.7
27.5°	12.7	13.5	14.6	16.1	18.3	21.0	24.7	28.8	35.0	40.4	48.0
25°	13.2	14.3	15.9	18.3	21.5	25.7	32.0	39.4	50.7	73.2	106.1
22.5°	13.9	15.4	17.7	21.0	25.7	33.1	42.5	62.0	105.4	153.5	185.1
20°	14.7	16.5	20.0	24.7	32.0	42.5	66.0	125.4	177.8	211.2	242.6
17.5°	15.6	18.4	22.7	28.8	39.4	62.0	125.4	184.2	224.8	273.6	319.9
15°	16.4	20.1	25.5	35.0	50.7	105.4	177.8	224.8	284.2	354.5	463.2
12.5°	17.6	22.0	28.6	40.4	73.2	153.5	211.2	273.6	354.5	504.4	748.5
10°	18.8	23.9	32.7	48.0	106.1	185.1	242.6	319.9	463.2	748.5	1214.4
7.5°	19.7	25.4	36.0	58.6	138.0	206.2	276.6	379.5	618.5	1091.1	1727.7
5°	20.4	26.5	38.4	68.4	157.5	221.7	301.8	444.7	785.5	1418.9	2134.8
2.5°	20.8	27.2	39.9	78.5	169.2	231.3	317.3	496.8	918.6	1642.7	2379.3
0°	20.9	27.4	40.4	81.9	173.2	234.5	322.6	516.7	964.1	1720.4	2463.7
-2.5°	20.8	27.2	39.9	78.5	169.2	231.3	317.3	496.8	918.6	1642.7	2379.3
-5°	20.4	26.5	38.4	68.4	157.5	221.7	301.8	444.7	785.5	1418.9	2134.8
-7.5°	19.7	25.4	36.0	58.6	138.0	206.2	276.6	379.5	618.5	1091.1	1727.7
-10°	18.8	23.9	32.7	48.0	106.1	185.1	242.6	319.9	463.2	748.5	1214.4
-12.5°	17.6	22.0	28.6	40.4	73.2	153.5	211.2	273.6	354.5	504.4	748.5
-15°	16.4	20.1	25.5	35.0	50.7	105.4	177.8	224.8	284.2	354.5	463.2
-17.5°	15.6	18.4	22.7	28.8	39.4	62.0	125.4	184.2	224.8	273.6	319.9
-20°	14.7	16.5	20.0	24.7	32.0	42.5	66.0	125.4	177.8	211.2	242.6



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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°	13.9	15.4	17.7	21.0	25.7	33.1	42.5	62.0	105.4	153.5	185.1
-25°	13.2	14.3	15.9	18.3	21.5	25.7	32.0	39.4	50.7	73.2	106.1
-27.5°	12.7	13.5	14.6	16.1	18.3	21.0	24.7	28.8	35.0	40.4	48.0
-30°	12.4	12.8	13.6	14.6	15.9	17.7	20.0	22.7	25.5	28.6	32.7
-32.5°	11.9	12.4	12.8	13.5	14.3	15.4	16.5	18.4	20.1	22.0	23.9
-35°	11.4	11.9	12.4	12.7	13.2	13.9	14.7	15.6	16.4	17.6	18.8
-37.5°	10.9	11.4	11.8	12.2	12.6	12.9	13.4	13.9	14.4	15.1	15.6
-40°	10.8	10.9	11.2	11.6	12.0	12.3	12.6	12.8	13.1	13.5	13.8
-42.5°	10.7	10.8	10.8	11.0	11.3	11.6	11.9	12.2	12.4	12.6	12.7
-45°	10.2	10.6	10.8	10.8	10.8	11.0	11.3	11.5	11.7	11.9	12.0
-47.5°	9.7	10.0	10.3	10.6	10.8	10.8	10.8	10.8	11.0	11.2	11.3
-50°	9.2	9.5	9.8	10.0	10.3	10.5	10.7	10.8	10.8	10.8	10.8
-52.5°	8.7	8.9	9.2	9.5	9.7	9.9	10.1	10.2	10.4	10.5	10.6
-55°	8.1	8.4	8.6	8.9	9.1	9.3	9.4	9.6	9.7	9.8	9.9
-57.5°	7.5	7.7	8.0	8.2	8.4	8.6	8.8	8.9	9.1	9.2	9.2
-60°	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.2	8.3	8.5	8.5
-62.5°	6.4	6.6	6.8	7.0	7.1	7.3	7.4	7.5	7.6	7.7	7.8
-65°	5.9	6.0	6.2	6.4	6.5	6.6	6.8	6.9	6.9	7.0	7.1
-67.5°	5.3	5.5	5.6	5.8	5.9	6.0	6.1	6.2	6.3	6.3	6.4
-70°	4.7	4.9	5.0	5.1	5.3	5.4	5.4	5.5	5.6	5.7	5.7
-72.5°	4.3	4.3	4.3	4.5	4.6	4.7	4.8	4.8	4.9	5.0	5.0
-75°	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-77.5°	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.0	4.1	4.1	4.2
-80°	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9
-82.5°	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.2
-85°	1.1	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
-87.5°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
-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):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
77.5°	4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.1	4.1	4.0
75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
72.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.8
70°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.5
67.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
65°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.0	6.9	6.9
62.5°	7.8	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.6	7.5
60°	8.6	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.5	8.3	8.2
57.5°	9.3	9.4	9.4	9.4	9.4	9.4	9.3	9.2	9.2	9.1	8.9
55°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.8	9.7	9.6
52.5°	10.7	10.8	10.8	10.8	10.8	10.8	10.7	10.6	10.5	10.4	10.2
50°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
47.5°	11.4	11.4	11.5	11.5	11.5	11.4	11.4	11.3	11.2	11.0	10.8
45°	12.1	12.2	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.7	11.5
42.5°	12.9	12.9	13.0	13.0	13.0	12.9	12.9	12.7	12.6	12.4	12.2
40°	14.1	14.3	14.4	14.4	14.4	14.3	14.1	13.8	13.5	13.1	12.8
37.5°	16.0	16.4	16.5	16.6	16.5	16.4	16.0	15.6	15.1	14.4	13.9
35°	19.7	20.4	20.8	20.9	20.8	20.4	19.7	18.8	17.6	16.4	15.6
32.5°	25.4	26.5	27.2	27.4	27.2	26.5	25.4	23.9	22.0	20.1	18.4
30°	36.0	38.4	39.9	40.4	39.9	38.4	36.0	32.7	28.6	25.5	22.7
27.5°	58.6	68.4	78.5	81.9	78.5	68.4	58.6	48.0	40.4	35.0	28.8
25°	138.0	157.5	169.2	173.2	169.2	157.5	138.0	106.1	73.2	50.7	39.4
22.5°	206.2	221.7	231.3	234.5	231.3	221.7	206.2	185.1	153.5	105.4	62.0
20°	276.6	301.8	317.3	322.6	317.3	301.8	276.6	242.6	211.2	177.8	125.4
17.5°	379.5	444.7	496.8	516.7	496.8	444.7	379.5	319.9	273.6	224.8	184.2
15°	618.5	785.5	918.6	964.1	918.6	785.5	618.5	463.2	354.5	284.2	224.8
12.5°	1091.1	1418.9	1642.7	1720.4	1642.7	1418.9	1091.1	748.5	504.4	354.5	273.6
10°	1727.7	2134.8	2379.3	2463.7	2379.3	2134.8	1727.7	1214.4	748.5	463.2	319.9
7.5°	2299.8	2717.6	2980.6	3069.1	2980.6	2717.6	2299.8	1727.7	1091.1	618.5	379.5
5°	2717.6	3164.2	3446.3	3548.3	3446.3	3164.2	2717.6	2134.8	1418.9	785.5	444.7
2.5°	2980.6	3446.3	3748.2	3850.0	3748.2	3446.3	2980.6	2379.3	1642.7	918.6	496.8
0°	3069.1	3548.3	3850.0	3975.5	3850.0	3548.3	3069.1	2463.7	1720.4	964.1	516.7
-2.5°	2980.6	3446.3	3748.2	3850.0	3748.2	3446.3	2980.6	2379.3	1642.7	918.6	496.8
-5°	2717.6	3164.2	3446.3	3548.3	3446.3	3164.2	2717.6	2134.8	1418.9	785.5	444.7
-7.5°	2299.8	2717.6	2980.6	3069.1	2980.6	2717.6	2299.8	1727.7	1091.1	618.5	379.5
-10°	1727.7	2134.8	2379.3	2463.7	2379.3	2134.8	1727.7	1214.4	748.5	463.2	319.9
-12.5°	1091.1	1418.9	1642.7	1720.4	1642.7	1418.9	1091.1	748.5	504.4	354.5	273.6
-15°	618.5	785.5	918.6	964.1	918.6	785.5	618.5	463.2	354.5	284.2	224.8
-17.5°	379.5	444.7	496.8	516.7	496.8	444.7	379.5	319.9	273.6	224.8	184.2
-20°	276.6	301.8	317.3	322.6	317.3	301.8	276.6	242.6	211.2	177.8	125.4



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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°	206.2	221.7	231.3	234.5	231.3	221.7	206.2	185.1	153.5	105.4	62.0
-25°	138.0	157.5	169.2	173.2	169.2	157.5	138.0	106.1	73.2	50.7	39.4
-27.5°	58.6	68.4	78.5	81.9	78.5	68.4	58.6	48.0	40.4	35.0	28.8
-30°	36.0	38.4	39.9	40.4	39.9	38.4	36.0	32.7	28.6	25.5	22.7
-32.5°	25.4	26.5	27.2	27.4	27.2	26.5	25.4	23.9	22.0	20.1	18.4
-35°	19.7	20.4	20.8	20.9	20.8	20.4	19.7	18.8	17.6	16.4	15.6
-37.5°	16.0	16.4	16.5	16.6	16.5	16.4	16.0	15.6	15.1	14.4	13.9
-40°	14.1	14.3	14.4	14.4	14.4	14.3	14.1	13.8	13.5	13.1	12.8
-42.5°	12.9	12.9	13.0	13.0	13.0	12.9	12.9	12.7	12.6	12.4	12.2
-45°	12.1	12.2	12.3	12.3	12.3	12.2	12.1	12.0	11.9	11.7	11.5
-47.5°	11.4	11.4	11.5	11.5	11.5	11.4	11.4	11.3	11.2	11.0	10.8
-50°	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
-52.5°	10.7	10.8	10.8	10.8	10.8	10.8	10.7	10.6	10.5	10.4	10.2
-55°	10.0	10.1	10.1	10.1	10.1	10.1	10.0	9.9	9.8	9.7	9.6
-57.5°	9.3	9.4	9.4	9.4	9.4	9.4	9.3	9.2	9.2	9.1	8.9
-60°	8.6	8.7	8.7	8.7	8.7	8.7	8.6	8.5	8.5	8.3	8.2
-62.5°	7.8	7.9	7.9	7.9	7.9	7.9	7.8	7.8	7.7	7.6	7.5
-65°	7.1	7.2	7.2	7.2	7.2	7.2	7.1	7.1	7.0	6.9	6.9
-67.5°	6.4	6.5	6.5	6.5	6.5	6.5	6.4	6.4	6.3	6.3	6.2
-70°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.7	5.7	5.6	5.5
-72.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	4.9	4.8
-75°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
-77.5°	4.2	4.3	4.3	4.3	4.3	4.3	4.2	4.2	4.1	4.1	4.0
-80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8
-82.5°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
-85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
85°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
82.5°	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5
80°	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.1
77.5°	3.9	3.8	3.6	3.5	3.3	3.2	3.0	2.9	2.8	2.7	2.6
75°	4.3	4.3	4.3	4.3	4.3	4.3	4.2	3.9	3.7	3.5	3.2
72.5°	4.8	4.7	4.6	4.5	4.3	4.3	4.3	4.3	4.3	4.3	4.2
70°	5.4	5.4	5.3	5.1	5.0	4.9	4.7	4.5	4.4	4.3	4.3
67.5°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.1	5.0	4.7	4.5
65°	6.8	6.6	6.5	6.4	6.2	6.0	5.9	5.7	5.5	5.3	5.1
62.5°	7.4	7.3	7.1	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.5
60°	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.7	6.5	6.3	6.0
57.5°	8.8	8.6	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.7	6.5
55°	9.4	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.9
52.5°	10.1	9.9	9.7	9.5	9.2	8.9	8.7	8.3	8.0	7.7	7.3
50°	10.7	10.5	10.3	10.0	9.8	9.5	9.2	8.9	8.5	8.2	7.8
47.5°	10.8	10.8	10.8	10.6	10.3	10.0	9.7	9.4	9.0	8.7	8.2
45°	11.3	11.0	10.8	10.8	10.8	10.6	10.2	9.9	9.5	9.1	8.7
42.5°	11.9	11.6	11.3	11.0	10.8	10.8	10.7	10.3	9.9	9.5	9.1
40°	12.6	12.3	12.0	11.6	11.2	10.9	10.8	10.8	10.4	9.9	9.5
37.5°	13.4	12.9	12.6	12.2	11.8	11.4	10.9	10.8	10.8	10.3	9.9
35°	14.7	13.9	13.2	12.7	12.4	11.9	11.4	10.9	10.8	10.7	10.2
32.5°	16.5	15.4	14.3	13.5	12.8	12.4	11.9	11.4	10.9	10.8	10.6
30°	20.0	17.7	15.9	14.6	13.6	12.8	12.4	11.8	11.2	10.8	10.8
27.5°	24.7	21.0	18.3	16.1	14.6	13.5	12.7	12.2	11.6	11.0	10.8
25°	32.0	25.7	21.5	18.3	15.9	14.3	13.2	12.6	12.0	11.3	10.8
22.5°	42.5	33.1	25.7	21.0	17.7	15.4	13.9	12.9	12.3	11.6	11.0
20°	66.0	42.5	32.0	24.7	20.0	16.5	14.7	13.4	12.6	11.9	11.3
17.5°	125.4	62.0	39.4	28.8	22.7	18.4	15.6	13.9	12.8	12.2	11.5
15°	177.8	105.4	50.7	35.0	25.5	20.1	16.4	14.4	13.1	12.4	11.7
12.5°	211.2	153.5	73.2	40.4	28.6	22.0	17.6	15.1	13.5	12.6	11.9
10°	242.6	185.1	106.1	48.0	32.7	23.9	18.8	15.6	13.8	12.7	12.0
7.5°	276.6	206.2	138.0	58.6	36.0	25.4	19.7	16.0	14.1	12.9	12.1
5°	301.8	221.7	157.5	68.4	38.4	26.5	20.4	16.4	14.3	12.9	12.2
2.5°	317.3	231.3	169.2	78.5	39.9	27.2	20.8	16.5	14.4	13.0	12.3
0°	322.6	234.5	173.2	81.9	40.4	27.4	20.9	16.6	14.4	13.0	12.3
-2.5°	317.3	231.3	169.2	78.5	39.9	27.2	20.8	16.5	14.4	13.0	12.3
-5°	301.8	221.7	157.5	68.4	38.4	26.5	20.4	16.4	14.3	12.9	12.2
-7.5°	276.6	206.2	138.0	58.6	36.0	25.4	19.7	16.0	14.1	12.9	12.1
-10°	242.6	185.1	106.1	48.0	32.7	23.9	18.8	15.6	13.8	12.7	12.0
-12.5°	211.2	153.5	73.2	40.4	28.6	22.0	17.6	15.1	13.5	12.6	11.9
-15°	177.8	105.4	50.7	35.0	25.5	20.1	16.4	14.4	13.1	12.4	11.7
-17.5°	125.4	62.0	39.4	28.8	22.7	18.4	15.6	13.9	12.8	12.2	11.5
-20°	66.0	42.5	32.0	24.7	20.0	16.5	14.7	13.4	12.6	11.9	11.3



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	42.5	33.1	25.7	21.0	17.7	15.4	13.9	12.9	12.3	11.6	11.0
-25°	32.0	25.7	21.5	18.3	15.9	14.3	13.2	12.6	12.0	11.3	10.8
-27.5°	24.7	21.0	18.3	16.1	14.6	13.5	12.7	12.2	11.6	11.0	10.8
-30°	20.0	17.7	15.9	14.6	13.6	12.8	12.4	11.8	11.2	10.8	10.8
-32.5°	16.5	15.4	14.3	13.5	12.8	12.4	11.9	11.4	10.9	10.8	10.6
-35°	14.7	13.9	13.2	12.7	12.4	11.9	11.4	10.9	10.8	10.7	10.2
-37.5°	13.4	12.9	12.6	12.2	11.8	11.4	10.9	10.8	10.8	10.3	9.9
-40°	12.6	12.3	12.0	11.6	11.2	10.9	10.8	10.8	10.4	9.9	9.5
-42.5°	11.9	11.6	11.3	11.0	10.8	10.8	10.7	10.3	9.9	9.5	9.1
-45°	11.3	11.0	10.8	10.8	10.8	10.6	10.2	9.9	9.5	9.1	8.7
-47.5°	10.8	10.8	10.8	10.6	10.3	10.0	9.7	9.4	9.0	8.7	8.2
-50°	10.7	10.5	10.3	10.0	9.8	9.5	9.2	8.9	8.5	8.2	7.8
-52.5°	10.1	9.9	9.7	9.5	9.2	8.9	8.7	8.3	8.0	7.7	7.3
-55°	9.4	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2	6.9
-57.5°	8.8	8.6	8.4	8.2	8.0	7.7	7.5	7.3	7.0	6.7	6.5
-60°	8.1	7.9	7.7	7.6	7.4	7.2	7.0	6.7	6.5	6.3	6.0
-62.5°	7.4	7.3	7.1	7.0	6.8	6.6	6.4	6.2	6.0	5.8	5.5
-65°	6.8	6.6	6.5	6.4	6.2	6.0	5.9	5.7	5.5	5.3	5.1
-67.5°	6.1	6.0	5.9	5.8	5.6	5.5	5.3	5.1	5.0	4.7	4.5
-70°	5.4	5.4	5.3	5.1	5.0	4.9	4.7	4.5	4.4	4.3	4.3
-72.5°	4.8	4.7	4.6	4.5	4.3	4.3	4.3	4.3	4.3	4.3	4.2
-75°	4.3	4.3	4.3	4.3	4.3	4.3	4.2	3.9	3.7	3.5	3.2
-77.5°	3.9	3.8	3.6	3.5	3.3	3.2	3.0	2.9	2.8	2.7	2.6
-80°	2.7	2.7	2.6	2.6	2.5	2.5	2.4	2.3	2.2	2.2	2.1
-82.5°	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.5
-85°	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.1	1.0	1.0
-87.5°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
-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):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
85°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
82.5°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
80°	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
77.5°	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0
75°	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.2
72.5°	3.9	3.5	3.2	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
70°	4.3	4.3	4.0	3.6	3.2	2.9	2.6	2.4	2.2	1.9	1.7
67.5°	4.3	4.3	4.3	4.3	3.9	3.5	3.0	2.7	2.5	2.2	1.9
65°	4.8	4.5	4.3	4.3	4.3	4.1	3.6	3.1	2.7	2.4	2.1
62.5°	5.3	5.0	4.7	4.4	4.3	4.3	4.2	3.6	3.0	2.6	2.3
60°	5.7	5.4	5.2	4.8	4.5	4.3	4.3	4.1	3.5	2.9	2.5
57.5°	6.2	5.9	5.5	5.2	4.9	4.5	4.3	4.3	3.9	3.2	2.7
55°	6.6	6.3	5.9	5.6	5.2	4.8	4.4	4.3	4.3	3.6	2.9
52.5°	7.0	6.6	6.3	5.9	5.5	5.2	4.7	4.3	4.3	4.0	3.2
50°	7.4	7.0	6.6	6.3	5.9	5.4	5.0	4.5	4.3	4.3	3.5
47.5°	7.8	7.4	7.0	6.6	6.2	5.7	5.3	4.8	4.3	4.3	3.9
45°	8.2	7.8	7.3	6.9	6.5	6.0	5.5	5.1	4.5	4.3	4.2
42.5°	8.7	8.2	7.7	7.2	6.7	6.3	5.8	5.3	4.7	4.3	4.3
40°	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.4	4.3
37.5°	9.4	8.9	8.3	7.8	7.3	6.7	6.2	5.7	5.1	4.5	4.3
35°	9.7	9.2	8.7	8.1	7.5	7.0	6.4	5.9	5.3	4.7	4.3
32.5°	10.0	9.5	8.9	8.4	7.7	7.2	6.6	6.0	5.5	4.9	4.3
30°	10.3	9.8	9.2	8.6	8.0	7.4	6.8	6.2	5.6	5.0	4.3
27.5°	10.6	10.0	9.5	8.9	8.2	7.6	7.0	6.4	5.8	5.1	4.5
25°	10.8	10.3	9.7	9.1	8.4	7.7	7.1	6.5	5.9	5.3	4.6
22.5°	10.8	10.5	9.9	9.3	8.6	7.9	7.3	6.6	6.0	5.4	4.7
20°	10.8	10.7	10.1	9.4	8.8	8.1	7.4	6.8	6.1	5.4	4.8
17.5°	10.8	10.8	10.2	9.6	8.9	8.2	7.5	6.9	6.2	5.5	4.8
15°	11.0	10.8	10.4	9.7	9.1	8.3	7.6	6.9	6.3	5.6	4.9
12.5°	11.2	10.8	10.5	9.8	9.2	8.5	7.7	7.0	6.3	5.7	5.0
10°	11.3	10.8	10.6	9.9	9.2	8.5	7.8	7.1	6.4	5.7	5.0
7.5°	11.4	10.8	10.7	10.0	9.3	8.6	7.8	7.1	6.4	5.8	5.1
5°	11.4	10.8	10.8	10.1	9.4	8.7	7.9	7.2	6.5	5.8	5.1
2.5°	11.5	10.8	10.8	10.1	9.4	8.7	7.9	7.2	6.5	5.8	5.1
0°	11.5	10.8	10.8	10.1	9.4	8.7	7.9	7.2	6.5	5.8	5.1
-2.5°	11.5	10.8	10.8	10.1	9.4	8.7	7.9	7.2	6.5	5.8	5.1
-5°	11.4	10.8	10.8	10.1	9.4	8.7	7.9	7.2	6.5	5.8	5.1
-7.5°	11.4	10.8	10.7	10.0	9.3	8.6	7.8	7.1	6.4	5.8	5.1
-10°	11.3	10.8	10.6	9.9	9.2	8.5	7.8	7.1	6.4	5.7	5.0
-12.5°	11.2	10.8	10.5	9.8	9.2	8.5	7.7	7.0	6.3	5.7	5.0
-15°	11.0	10.8	10.4	9.7	9.1	8.3	7.6	6.9	6.3	5.6	4.9
-17.5°	10.8	10.8	10.2	9.6	8.9	8.2	7.5	6.9	6.2	5.5	4.8
-20°	10.8	10.7	10.1	9.4	8.8	8.1	7.4	6.8	6.1	5.4	4.8



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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°	10.8	10.5	9.9	9.3	8.6	7.9	7.3	6.6	6.0	5.4	4.7
-25°	10.8	10.3	9.7	9.1	8.4	7.7	7.1	6.5	5.9	5.3	4.6
-27.5°	10.6	10.0	9.5	8.9	8.2	7.6	7.0	6.4	5.8	5.1	4.5
-30°	10.3	9.8	9.2	8.6	8.0	7.4	6.8	6.2	5.6	5.0	4.3
-32.5°	10.0	9.5	8.9	8.4	7.7	7.2	6.6	6.0	5.5	4.9	4.3
-35°	9.7	9.2	8.7	8.1	7.5	7.0	6.4	5.9	5.3	4.7	4.3
-37.5°	9.4	8.9	8.3	7.8	7.3	6.7	6.2	5.7	5.1	4.5	4.3
-40°	9.0	8.5	8.0	7.5	7.0	6.5	6.0	5.5	5.0	4.4	4.3
-42.5°	8.7	8.2	7.7	7.2	6.7	6.3	5.8	5.3	4.7	4.3	4.3
-45°	8.2	7.8	7.3	6.9	6.5	6.0	5.5	5.1	4.5	4.3	4.2
-47.5°	7.8	7.4	7.0	6.6	6.2	5.7	5.3	4.8	4.3	4.3	3.9
-50°	7.4	7.0	6.6	6.3	5.9	5.4	5.0	4.5	4.3	4.3	3.5
-52.5°	7.0	6.6	6.3	5.9	5.5	5.2	4.7	4.3	4.3	4.0	3.2
-55°	6.6	6.3	5.9	5.6	5.2	4.8	4.4	4.3	4.3	3.6	2.9
-57.5°	6.2	5.9	5.5	5.2	4.9	4.5	4.3	4.3	3.9	3.2	2.7
-60°	5.7	5.4	5.2	4.8	4.5	4.3	4.3	4.1	3.5	2.9	2.5
-62.5°	5.3	5.0	4.7	4.4	4.3	4.3	4.2	3.6	3.0	2.6	2.3
-65°	4.8	4.5	4.3	4.3	4.3	4.1	3.6	3.1	2.7	2.4	2.1
-67.5°	4.3	4.3	4.3	4.3	3.9	3.5	3.0	2.7	2.5	2.2	1.9
-70°	4.3	4.3	4.0	3.6	3.2	2.9	2.6	2.4	2.2	1.9	1.7
-72.5°	3.9	3.5	3.2	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
-75°	2.9	2.8	2.6	2.5	2.3	2.2	2.0	1.8	1.6	1.4	1.2
-77.5°	2.5	2.3	2.2	2.1	1.9	1.8	1.6	1.5	1.3	1.2	1.0
-80°	2.0	1.9	1.7	1.6	1.5	1.4	1.3	1.2	1.1	1.0	0.8
-82.5°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
-85°	0.9	0.9	0.9	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.4
-87.5°	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2
-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):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
77.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
75°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
72.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
70°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
67.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
65°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
62.5°	2.0	1.6	1.3	1.0	0.6	0.3	0.0
60°	2.2	1.8	1.4	1.0	0.7	0.3	0.0
57.5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
55°	2.5	2.1	1.6	1.2	0.8	0.4	0.0
52.5°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
50°	2.8	2.3	1.9	1.3	0.9	0.4	0.0
47.5°	2.9	2.5	2.0	1.4	0.9	0.5	0.0
45°	3.2	2.6	2.1	1.5	1.0	0.5	0.0
42.5°	3.5	2.7	2.2	1.6	1.0	0.5	0.0
40°	3.7	2.8	2.2	1.6	1.1	0.5	0.0
37.5°	3.9	2.9	2.3	1.7	1.1	0.6	0.0
35°	4.2	3.0	2.4	1.8	1.1	0.6	0.0
32.5°	4.3	3.2	2.5	1.8	1.2	0.6	0.0
30°	4.3	3.3	2.5	1.9	1.2	0.6	0.0
27.5°	4.3	3.5	2.6	1.9	1.2	0.6	0.0
25°	4.3	3.6	2.6	2.0	1.3	0.6	0.0
22.5°	4.3	3.8	2.7	2.0	1.3	0.6	0.0
20°	4.3	3.9	2.7	2.1	1.3	0.7	0.0
17.5°	4.3	4.0	2.8	2.1	1.3	0.7	0.0
15°	4.3	4.1	2.8	2.1	1.4	0.7	0.0
12.5°	4.3	4.1	2.8	2.1	1.4	0.7	0.0
10°	4.3	4.2	2.9	2.2	1.4	0.7	0.0
7.5°	4.3	4.2	2.9	2.2	1.4	0.7	0.0
5°	4.3	4.3	2.9	2.2	1.4	0.7	0.0
2.5°	4.3	4.3	2.9	2.2	1.4	0.7	0.0
0°	4.3	4.3	2.9	2.2	1.4	0.7	0.0
-2.5°	4.3	4.3	2.9	2.2	1.4	0.7	0.0
-5°	4.3	4.3	2.9	2.2	1.4	0.7	0.0
-7.5°	4.3	4.2	2.9	2.2	1.4	0.7	0.0
-10°	4.3	4.2	2.9	2.2	1.4	0.7	0.0
-12.5°	4.3	4.1	2.8	2.1	1.4	0.7	0.0
-15°	4.3	4.1	2.8	2.1	1.4	0.7	0.0
-17.5°	4.3	4.0	2.8	2.1	1.3	0.7	0.0
-20°	4.3	3.9	2.7	2.1	1.3	0.7	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.3	3.8	2.7	2.0	1.3	0.6	0.0
-25°	4.3	3.6	2.6	2.0	1.3	0.6	0.0
-27.5°	4.3	3.5	2.6	1.9	1.2	0.6	0.0
-30°	4.3	3.3	2.5	1.9	1.2	0.6	0.0
-32.5°	4.3	3.2	2.5	1.8	1.2	0.6	0.0
-35°	4.2	3.0	2.4	1.8	1.1	0.6	0.0
-37.5°	3.9	2.9	2.3	1.7	1.1	0.6	0.0
-40°	3.7	2.8	2.2	1.6	1.1	0.5	0.0
-42.5°	3.5	2.7	2.2	1.6	1.0	0.5	0.0
-45°	3.2	2.6	2.1	1.5	1.0	0.5	0.0
-47.5°	2.9	2.5	2.0	1.4	0.9	0.5	0.0
-50°	2.8	2.3	1.9	1.3	0.9	0.4	0.0
-52.5°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-55°	2.5	2.1	1.6	1.2	0.8	0.4	0.0
-57.5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-60°	2.2	1.8	1.4	1.0	0.7	0.3	0.0
-62.5°	2.0	1.6	1.3	1.0	0.6	0.3	0.0
-65°	1.8	1.5	1.2	0.9	0.6	0.3	0.0
-67.5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0
-70°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-72.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-75°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-77.5°	0.9	0.8	0.6	0.5	0.3	0.2	0.0
-80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)