

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: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29411)  
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]-LED2790-F-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, RECESSED LENS,  
FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 2700K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

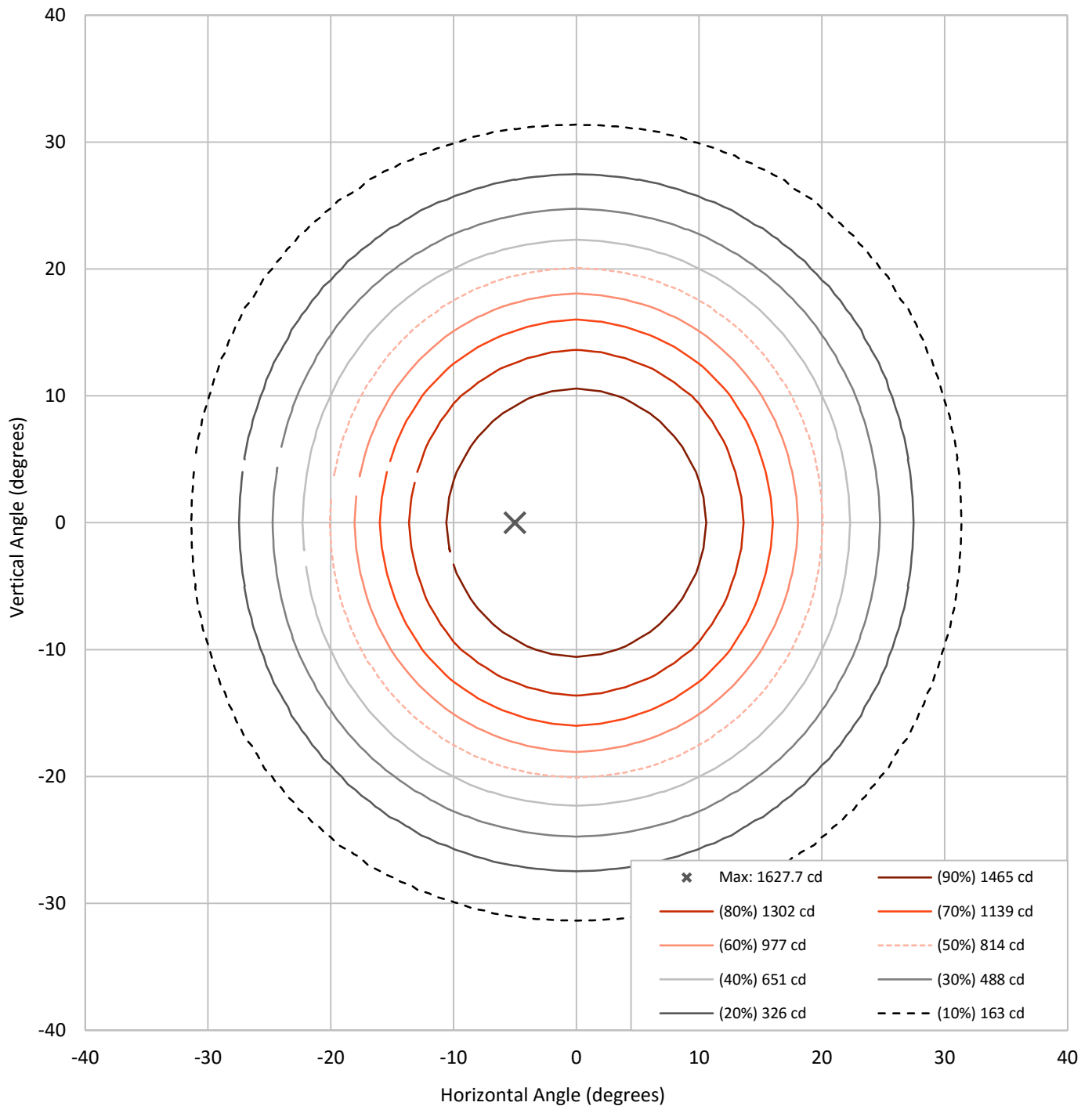
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	787.3 lumens	Max Intensity:	1627.7 candela
Efficiency:	N/A	Max Intensity Angle:	-5°H x 0°V
Efficacy:	78.7 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	40.2°H x 39°V	Field Angle (10%):	62.7°H x 62.1°V
Beam Lumens:	485.9 lumens	Field Lumens:	702.9 lumens
Beam Efficiency:	61.7%	Field Efficiency:	89.3%

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



REPORT NUMBER: P220321 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

### Iso-Candela Plot



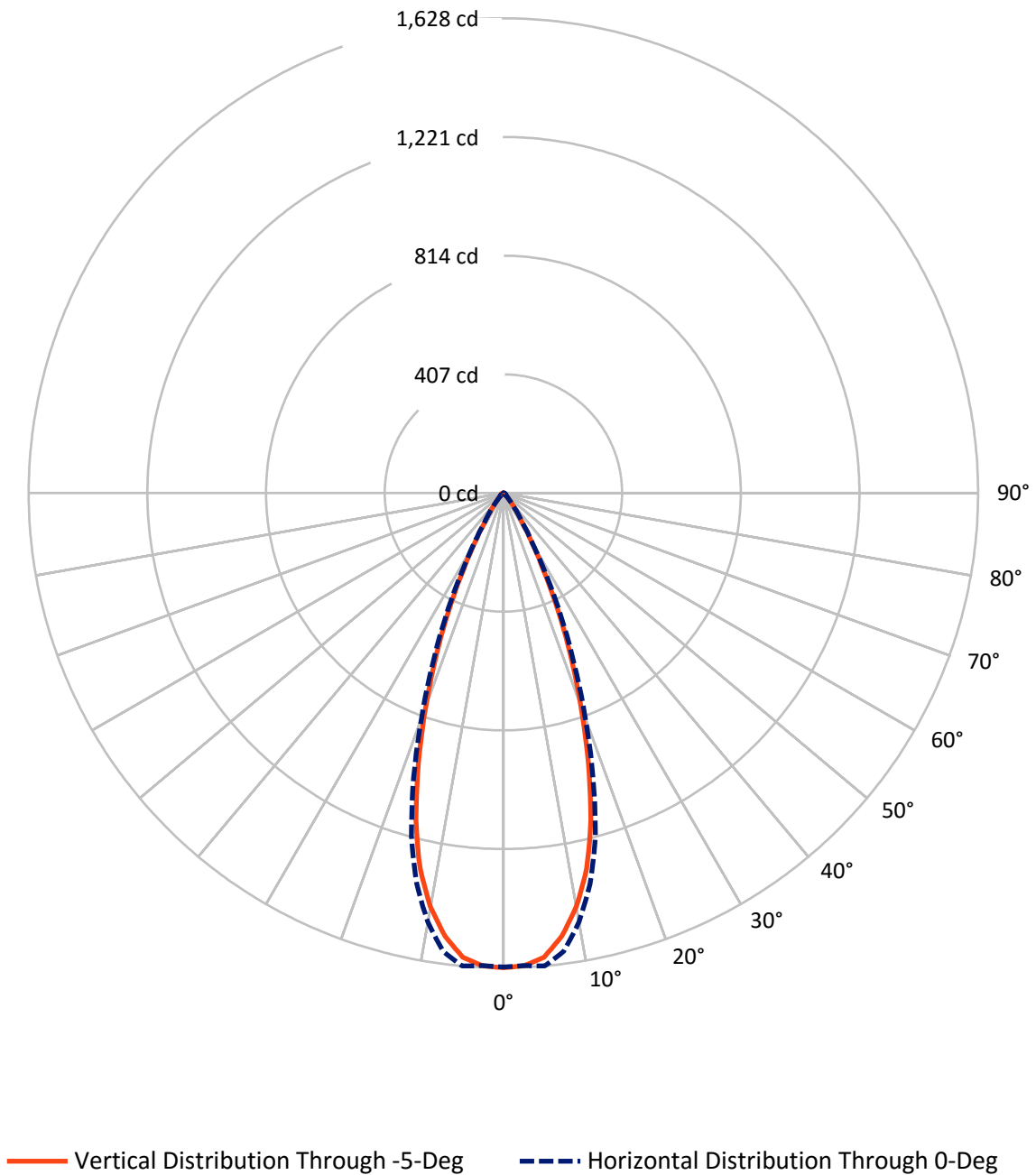
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### Lumen Table

90	0.0	0.1	0.2	0.3	0.3	0.3	0.2	0.1	0.0										
80	0.0	0.1	0.2	0.3	0.3	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	0.2	0.3	0.5	0.6	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1			
40		0.1	0.1	0.2	0.3	0.8	1.8	2.8	2.8	1.8	0.8	0.3	0.2	0.1	0.1				
30	0.1	0.1	0.1	0.2	0.7	2.8	7.9	13.5	13.5	7.9	2.8	0.7	0.2	0.1	0.1	0.1			
20		0.1	0.1	0.3	1.5	7.5	21.6	33.9	33.9	21.6	7.5	1.5	0.3	0.1	0.1				
10	0.1	0.1	0.2	0.4	2.3	12.4	32.9	46.9	46.9	32.9	12.4	2.3	0.4	0.2	0.1	0.1			
0		0.1	0.2	0.4	2.3	12.4	32.9	46.9	46.9	32.9	12.4	2.3	0.4	0.2	0.1				
-10	0.1	0.1	0.1	0.3	1.5	7.5	21.6	33.9	33.9	21.6	7.5	1.5	0.3	0.1	0.1	0.1			
-20		0.1	0.1	0.2	0.7	2.8	7.9	13.5	13.5	7.9	2.8	0.7	0.2	0.1	0.1				
-30	0.1	0.1	0.1	0.2	0.3	0.8	1.8	2.8	2.8	1.8	0.8	0.3	0.2	0.1	0.1	0.1			
-40		0.1	0.1	0.2	0.2	0.3	0.5	0.6	0.6	0.5	0.3	0.2	0.2	0.1	0.1				
-50	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			
-60		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				
-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			
-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	0.3	0.3	0.2	0.1	0.0										

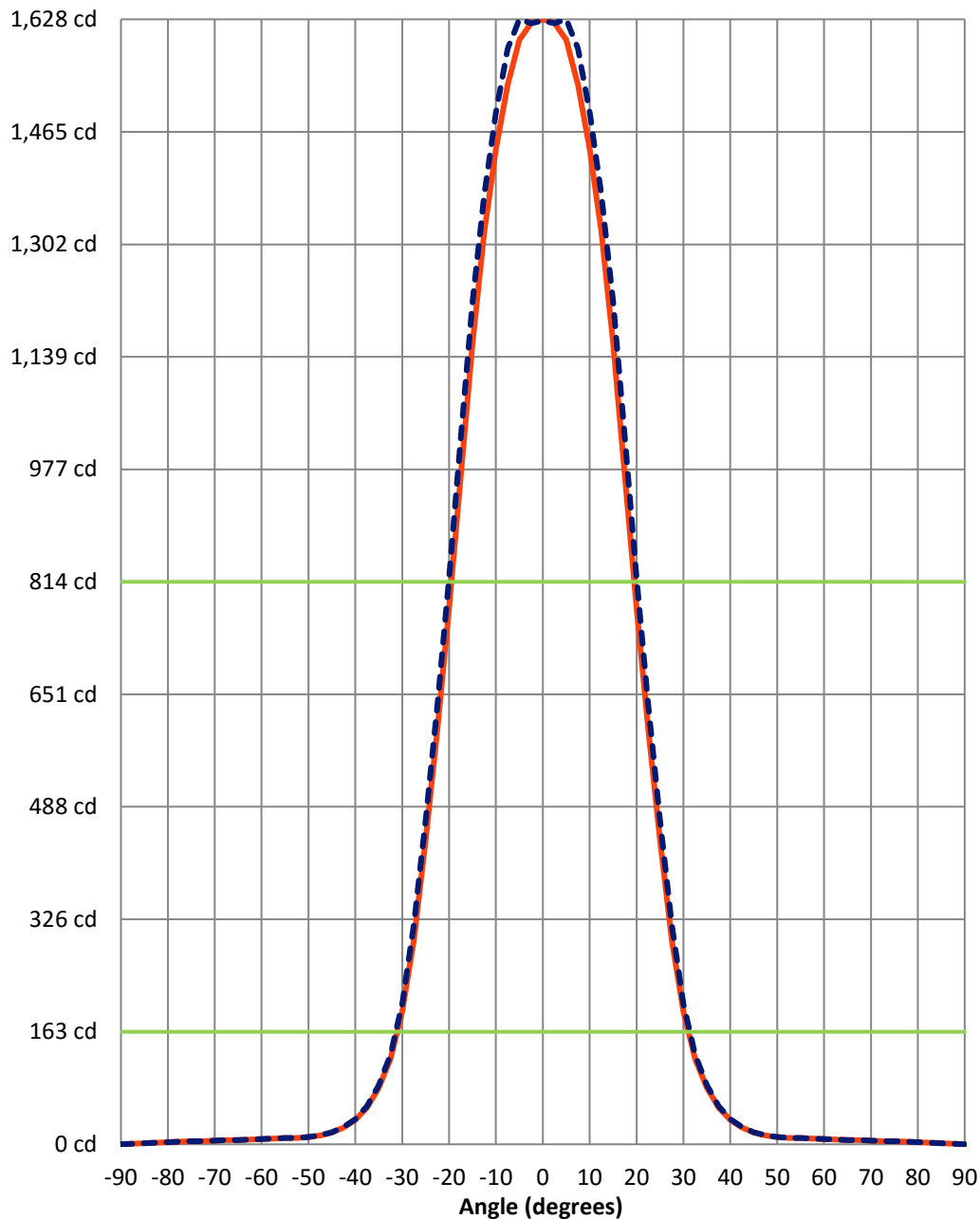
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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-WT-L1-UNV

### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
 H Angle: 40.2°  
 V Angle: 39°  
 Lumens: 485.9  
 Efficiency: 61.7%

**Field:**  
 H Angle: 62.7°  
 V Angle: 62.1°  
 Lumens: 702.9  
 Efficiency: 89.3%

**Spill:**  
 Lumens: 84.4  
 Efficiency: 10.7%

- Vertical Distribution through -5-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	0.3	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.9	1.1	1.2	1.3
77.5°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.3	1.4	1.6
75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.5	1.7	1.9
72.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
70°	0.0	0.3	0.5	0.8	1.1	1.3	1.5	1.8	2.0	2.3	2.5
67.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
65°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
62.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.7	3.1	3.4
60°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.3	3.7
57.5°	0.0	0.4	0.9	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
55°	0.0	0.5	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.9	4.2
52.5°	0.0	0.5	1.0	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
50°	0.0	0.5	1.0	1.4	2.0	2.4	2.9	3.4	3.9	4.3	4.5
47.5°	0.0	0.5	1.0	1.5	2.1	2.6	3.0	3.6	4.0	4.5	4.5
45°	0.0	0.6	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.5	4.5
42.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.9	4.4	4.5	4.7
40°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.5	4.5	4.9
37.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.5	4.6	5.2
35°	0.0	0.7	1.2	1.9	2.5	3.1	3.7	4.3	4.5	4.7	5.4
32.5°	0.0	0.7	1.3	1.9	2.6	3.2	3.8	4.4	4.5	4.9	5.6
30°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.5	4.5	5.1	5.8
27.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.5	4.6	5.2	5.9
25°	0.0	0.7	1.4	2.1	2.7	3.4	4.1	4.5	4.7	5.4	6.1
22.5°	0.0	0.7	1.4	2.1	2.8	3.5	4.2	4.5	4.8	5.5	6.1
20°	0.0	0.8	1.4	2.2	2.8	3.6	4.2	4.5	4.9	5.6	6.1
17.5°	0.0	0.8	1.4	2.2	2.9	3.6	4.3	4.5	5.0	5.7	6.1
15°	0.0	0.8	1.5	2.2	2.9	3.7	4.4	4.5	5.1	5.8	6.1
12.5°	0.0	0.8	1.5	2.2	2.9	3.7	4.4	4.5	5.1	5.9	6.1
10°	0.0	0.8	1.5	2.3	3.0	3.7	4.4	4.5	5.2	6.0	6.1
7.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	4.5	5.2	6.0	6.1
5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	4.5	5.3	6.1	6.1
2.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	4.5	5.3	6.1	6.1
0°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	4.5	5.3	6.1	6.1
-2.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	4.5	5.3	6.1	6.1
-5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	4.5	5.3	6.1	6.1
-7.5°	0.0	0.8	1.5	2.3	3.0	3.8	4.5	4.5	5.2	6.0	6.1
-10°	0.0	0.8	1.5	2.3	3.0	3.7	4.4	4.5	5.2	6.0	6.1
-12.5°	0.0	0.8	1.5	2.2	2.9	3.7	4.4	4.5	5.1	5.9	6.1
-15°	0.0	0.8	1.5	2.2	2.9	3.7	4.4	4.5	5.1	5.8	6.1
-17.5°	0.0	0.8	1.4	2.2	2.9	3.6	4.3	4.5	5.0	5.7	6.1
-20°	0.0	0.8	1.4	2.2	2.8	3.6	4.2	4.5	4.9	5.6	6.1



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-[RW, RI]-LED2790-F-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	0.7	1.4	2.1	2.8	3.5	4.2	4.5	4.8	5.5	6.1
-25°	0.0	0.7	1.4	2.1	2.7	3.4	4.1	4.5	4.7	5.4	6.1
-27.5°	0.0	0.7	1.3	2.0	2.7	3.3	4.0	4.5	4.6	5.2	5.9
-30°	0.0	0.7	1.3	2.0	2.6	3.3	3.9	4.5	4.5	5.1	5.8
-32.5°	0.0	0.7	1.3	1.9	2.6	3.2	3.8	4.4	4.5	4.9	5.6
-35°	0.0	0.7	1.2	1.9	2.5	3.1	3.7	4.3	4.5	4.7	5.4
-37.5°	0.0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.5	4.6	5.2
-40°	0.0	0.6	1.2	1.7	2.3	2.9	3.5	4.0	4.5	4.5	4.9
-42.5°	0.0	0.6	1.1	1.7	2.3	2.8	3.3	3.9	4.4	4.5	4.7
-45°	0.0	0.6	1.1	1.6	2.2	2.7	3.2	3.7	4.2	4.5	4.5
-47.5°	0.0	0.5	1.0	1.5	2.1	2.6	3.0	3.6	4.0	4.5	4.5
-50°	0.0	0.5	1.0	1.4	2.0	2.4	2.9	3.4	3.9	4.3	4.5
-52.5°	0.0	0.5	1.0	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5
-55°	0.0	0.5	0.9	1.3	1.7	2.2	2.6	3.0	3.4	3.9	4.2
-57.5°	0.0	0.4	0.9	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
-60°	0.0	0.4	0.8	1.1	1.5	1.9	2.3	2.6	3.0	3.3	3.7
-62.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.4	2.7	3.1	3.4
-65°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.5	2.8	3.1
-67.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.7	2.0	2.3	2.6	2.8
-70°	0.0	0.3	0.5	0.8	1.1	1.3	1.5	1.8	2.0	2.3	2.5
-72.5°	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2
-75°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.5	1.7	1.9
-77.5°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.3	1.4	1.6
-80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.9	1.1	1.2	1.3
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
-85°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	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°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
85°	0.7	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2
82.5°	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8
80°	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.3	2.4
77.5°	1.7	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0
75°	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.6
72.5°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.0	4.2
70°	2.7	3.0	3.2	3.4	3.6	3.9	4.0	4.2	4.4	4.5	4.5
67.5°	3.1	3.3	3.6	3.9	4.1	4.3	4.5	4.5	4.5	4.5	4.6
65°	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.7	4.9	5.2
62.5°	3.7	4.0	4.3	4.5	4.5	4.5	4.7	5.0	5.3	5.5	5.8
60°	4.0	4.4	4.5	4.5	4.6	4.9	5.2	5.5	5.8	6.1	6.1
57.5°	4.3	4.5	4.5	4.6	5.0	5.4	5.7	6.0	6.1	6.1	6.2
55°	4.5	4.5	4.6	5.0	5.4	5.8	6.1	6.1	6.1	6.4	6.7
52.5°	4.5	4.6	5.0	5.4	5.9	6.1	6.1	6.2	6.6	6.9	7.2
50°	4.5	4.9	5.4	5.8	6.1	6.1	6.3	6.7	7.1	7.4	7.8
47.5°	4.7	5.2	5.7	6.1	6.1	6.3	6.7	7.1	7.6	7.9	8.3
45°	5.0	5.5	6.0	6.1	6.2	6.7	7.1	7.6	8.0	8.4	8.8
42.5°	5.3	5.8	6.1	6.1	6.6	7.1	7.6	8.0	8.4	8.9	9.1
40°	5.5	6.1	6.1	6.4	6.9	7.4	7.9	8.4	8.9	9.1	9.1
37.5°	5.8	6.1	6.2	6.7	7.2	7.8	8.3	8.8	9.1	9.1	10.0
35°	6.0	6.1	6.4	7.0	7.6	8.1	8.7	9.1	9.1	9.9	11.1
32.5°	6.1	6.1	6.6	7.3	7.8	8.4	9.0	9.1	9.7	10.8	12.4
30°	6.1	6.3	6.9	7.5	8.1	8.7	9.1	9.3	10.4	12.0	14.5
27.5°	6.1	6.5	7.1	7.8	8.4	9.0	9.1	9.9	11.4	13.4	16.9
25°	6.1	6.6	7.3	8.0	8.6	9.1	9.3	10.5	12.4	15.5	20.4
22.5°	6.2	6.8	7.5	8.2	8.9	9.1	9.8	11.3	13.7	17.6	23.9
20°	6.3	7.0	7.7	8.3	9.1	9.1	10.2	12.1	15.3	20.6	28.2
17.5°	6.4	7.1	7.8	8.5	9.1	9.3	10.7	12.8	16.8	23.3	32.6
15°	6.5	7.2	8.0	8.7	9.1	9.6	11.3	13.9	18.6	26.0	36.6
12.5°	6.6	7.4	8.1	8.8	9.1	9.9	11.8	15.0	20.6	29.1	42.2
10°	6.7	7.4	8.1	8.9	9.1	10.2	12.2	15.8	22.1	31.7	46.8
7.5°	6.7	7.5	8.2	9.0	9.1	10.4	12.5	16.5	23.4	33.8	50.5
5°	6.8	7.6	8.3	9.1	9.1	10.5	12.7	17.0	24.3	35.2	53.2
2.5°	6.8	7.6	8.3	9.1	9.1	10.6	12.9	17.3	24.8	36.1	54.8
0°	6.8	7.6	8.3	9.1	9.1	10.6	12.9	17.4	25.0	36.4	55.3
-2.5°	6.8	7.6	8.3	9.1	9.1	10.6	12.9	17.3	24.8	36.1	54.8
-5°	6.8	7.6	8.3	9.1	9.1	10.5	12.7	17.0	24.3	35.2	53.2
-7.5°	6.7	7.5	8.2	9.0	9.1	10.4	12.5	16.5	23.4	33.8	50.5
-10°	6.7	7.4	8.1	8.9	9.1	10.2	12.2	15.8	22.1	31.7	46.8
-12.5°	6.6	7.4	8.1	8.8	9.1	9.9	11.8	15.0	20.6	29.1	42.2
-15°	6.5	7.2	8.0	8.7	9.1	9.6	11.3	13.9	18.6	26.0	36.6
-17.5°	6.4	7.1	7.8	8.5	9.1	9.3	10.7	12.8	16.8	23.3	32.6
-20°	6.3	7.0	7.7	8.3	9.1	9.1	10.2	12.1	15.3	20.6	28.2



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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°	6.2	6.8	7.5	8.2	8.9	9.1	9.8	11.3	13.7	17.6	23.9
-25°	6.1	6.6	7.3	8.0	8.6	9.1	9.3	10.5	12.4	15.5	20.4
-27.5°	6.1	6.5	7.1	7.8	8.4	9.0	9.1	9.9	11.4	13.4	16.9
-30°	6.1	6.3	6.9	7.5	8.1	8.7	9.1	9.3	10.4	12.0	14.5
-32.5°	6.1	6.1	6.6	7.3	7.8	8.4	9.0	9.1	9.7	10.8	12.4
-35°	6.0	6.1	6.4	7.0	7.6	8.1	8.7	9.1	9.1	9.9	11.1
-37.5°	5.8	6.1	6.2	6.7	7.2	7.8	8.3	8.8	9.1	9.1	10.0
-40°	5.5	6.1	6.1	6.4	6.9	7.4	7.9	8.4	8.9	9.1	9.1
-42.5°	5.3	5.8	6.1	6.1	6.6	7.1	7.6	8.0	8.4	8.9	9.1
-45°	5.0	5.5	6.0	6.1	6.2	6.7	7.1	7.6	8.0	8.4	8.8
-47.5°	4.7	5.2	5.7	6.1	6.1	6.3	6.7	7.1	7.6	7.9	8.3
-50°	4.5	4.9	5.4	5.8	6.1	6.1	6.3	6.7	7.1	7.4	7.8
-52.5°	4.5	4.6	5.0	5.4	5.9	6.1	6.1	6.2	6.6	6.9	7.2
-55°	4.5	4.5	4.6	5.0	5.4	5.8	6.1	6.1	6.1	6.4	6.7
-57.5°	4.3	4.5	4.5	4.6	5.0	5.4	5.7	6.0	6.1	6.1	6.2
-60°	4.0	4.4	4.5	4.5	4.6	4.9	5.2	5.5	5.8	6.1	6.1
-62.5°	3.7	4.0	4.3	4.5	4.5	4.5	4.7	5.0	5.3	5.5	5.8
-65°	3.4	3.7	4.0	4.2	4.5	4.5	4.5	4.5	4.7	4.9	5.2
-67.5°	3.1	3.3	3.6	3.9	4.1	4.3	4.5	4.5	4.5	4.5	4.6
-70°	2.7	3.0	3.2	3.4	3.6	3.9	4.0	4.2	4.4	4.5	4.5
-72.5°	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.7	3.9	4.0	4.2
-75°	2.1	2.3	2.4	2.6	2.7	2.9	3.0	3.2	3.3	3.5	3.6
-77.5°	1.7	1.9	2.0	2.2	2.3	2.4	2.6	2.7	2.8	2.9	3.0
-80°	1.4	1.5	1.6	1.7	1.8	2.0	2.1	2.2	2.3	2.3	2.4
-82.5°	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.7	1.7	1.8
-85°	0.7	0.8	0.9	0.9	1.0	1.0	1.0	1.1	1.1	1.2	1.2
-87.5°	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6	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°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
85°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
82.5°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
80°	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
77.5°	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.6	3.7	3.7	3.7
75°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.4
72.5°	4.3	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	4.5	4.5	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2
67.5°	4.7	4.9	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0
65°	5.4	5.6	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	6.0	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.7
60°	6.1	6.1	6.3	6.5	6.6	6.8	7.0	7.1	7.2	7.4	7.4
57.5°	6.4	6.6	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.1	8.1
55°	7.0	7.3	7.5	7.8	8.0	8.2	8.3	8.5	8.7	8.8	8.9
52.5°	7.6	7.8	8.1	8.4	8.6	8.9	9.1	9.1	9.1	9.1	9.1
50°	8.1	8.4	8.7	9.0	9.1	9.1	9.1	9.3	9.6	9.9	10.2
47.5°	8.7	9.0	9.1	9.1	9.3	9.8	10.2	10.7	11.3	11.8	12.2
45°	9.1	9.1	9.3	9.9	10.5	11.3	12.1	12.8	13.9	15.0	15.8
42.5°	9.1	9.7	10.4	11.4	12.4	13.7	15.3	16.8	18.6	20.6	22.1
40°	9.9	10.8	12.0	13.4	15.5	17.6	20.6	23.3	26.0	29.1	31.7
37.5°	11.1	12.4	14.5	16.9	20.4	23.9	28.2	32.6	36.6	42.2	46.8
35°	12.6	15.1	18.0	22.3	27.0	32.7	38.9	46.8	53.8	62.6	70.8
32.5°	15.1	18.4	23.2	29.2	35.7	45.4	54.7	68.0	80.2	93.1	105.9
30°	18.0	23.2	30.0	37.8	49.3	63.1	79.2	97.6	116.8	136.1	159.6
27.5°	22.3	29.2	37.8	50.7	67.5	86.2	111.3	137.6	172.4	202.9	237.4
25°	27.0	35.7	49.3	67.5	89.5	118.2	155.7	197.4	247.1	304.2	358.1
22.5°	32.7	45.4	63.1	86.2	118.2	161.8	212.7	280.7	357.0	433.3	501.0
20°	38.9	54.7	79.2	111.3	155.7	212.7	292.1	386.8	481.2	571.8	651.8
17.5°	46.8	68.0	97.6	137.6	197.4	280.7	386.8	498.5	608.5	716.7	813.9
15°	53.8	80.2	116.8	172.4	247.1	357.0	481.2	608.5	738.9	865.5	984.6
12.5°	62.6	93.1	136.1	202.9	304.2	433.3	571.8	716.7	865.5	1013.8	1146.2
10°	70.8	105.9	159.6	237.4	358.1	501.0	651.8	813.9	984.6	1146.2	1279.0
7.5°	77.2	116.1	178.4	270.6	405.6	558.1	723.0	901.2	1084.7	1249.3	1374.5
5°	81.8	123.5	192.0	296.2	440.4	600.2	775.9	967.1	1158.7	1319.5	1440.0
2.5°	84.7	128.0	200.2	313.2	461.7	626.0	808.6	1008.4	1203.4	1360.3	1479.3
0°	85.6	129.5	203.0	318.9	468.9	634.7	819.6	1022.5	1218.7	1373.3	1492.9
-2.5°	84.7	128.0	200.2	313.2	461.7	626.0	808.6	1008.4	1203.4	1360.3	1479.3
-5°	81.8	123.5	192.0	296.2	440.4	600.2	775.9	967.1	1158.7	1319.5	1440.0
-7.5°	77.2	116.1	178.4	270.6	405.6	558.1	723.0	901.2	1084.7	1249.3	1374.5
-10°	70.8	105.9	159.6	237.4	358.1	501.0	651.8	813.9	984.6	1146.2	1279.0
-12.5°	62.6	93.1	136.1	202.9	304.2	433.3	571.8	716.7	865.5	1013.8	1146.2
-15°	53.8	80.2	116.8	172.4	247.1	357.0	481.2	608.5	738.9	865.5	984.6
-17.5°	46.8	68.0	97.6	137.6	197.4	280.7	386.8	498.5	608.5	716.7	813.9
-20°	38.9	54.7	79.2	111.3	155.7	212.7	292.1	386.8	481.2	571.8	651.8



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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°	32.7	45.4	63.1	86.2	118.2	161.8	212.7	280.7	357.0	433.3	501.0
-25°	27.0	35.7	49.3	67.5	89.5	118.2	155.7	197.4	247.1	304.2	358.1
-27.5°	22.3	29.2	37.8	50.7	67.5	86.2	111.3	137.6	172.4	202.9	237.4
-30°	18.0	23.2	30.0	37.8	49.3	63.1	79.2	97.6	116.8	136.1	159.6
-32.5°	15.1	18.4	23.2	29.2	35.7	45.4	54.7	68.0	80.2	93.1	105.9
-35°	12.6	15.1	18.0	22.3	27.0	32.7	38.9	46.8	53.8	62.6	70.8
-37.5°	11.1	12.4	14.5	16.9	20.4	23.9	28.2	32.6	36.6	42.2	46.8
-40°	9.9	10.8	12.0	13.4	15.5	17.6	20.6	23.3	26.0	29.1	31.7
-42.5°	9.1	9.7	10.4	11.4	12.4	13.7	15.3	16.8	18.6	20.6	22.1
-45°	9.1	9.1	9.3	9.9	10.5	11.3	12.1	12.8	13.9	15.0	15.8
-47.5°	8.7	9.0	9.1	9.1	9.3	9.8	10.2	10.7	11.3	11.8	12.2
-50°	8.1	8.4	8.7	9.0	9.1	9.1	9.1	9.3	9.6	9.9	10.2
-52.5°	7.6	7.8	8.1	8.4	8.6	8.9	9.1	9.1	9.1	9.1	9.1
-55°	7.0	7.3	7.5	7.8	8.0	8.2	8.3	8.5	8.7	8.8	8.9
-57.5°	6.4	6.6	6.9	7.1	7.3	7.5	7.7	7.8	8.0	8.1	8.1
-60°	6.1	6.1	6.3	6.5	6.6	6.8	7.0	7.1	7.2	7.4	7.4
-62.5°	6.0	6.1	6.1	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.7
-65°	5.4	5.6	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-67.5°	4.7	4.9	5.1	5.2	5.4	5.5	5.6	5.7	5.8	5.9	6.0
-70°	4.5	4.5	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.1	5.2
-72.5°	4.3	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-75°	3.7	3.8	3.9	4.0	4.1	4.2	4.2	4.3	4.4	4.4	4.4
-77.5°	3.1	3.2	3.3	3.3	3.4	3.5	3.6	3.6	3.7	3.7	3.7
-80°	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0
-82.5°	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.2	2.3
-85°	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
-87.5°	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8
-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
77.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6
75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3
72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.1	5.0
67.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7
65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
62.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.5	6.4
60°	7.5	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.4	7.2	7.1
57.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.1	8.1	8.0	7.8
55°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	8.9	8.8	8.7	8.5
52.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
50°	10.4	10.5	10.6	10.6	10.6	10.5	10.4	10.2	9.9	9.6	9.3
47.5°	12.5	12.7	12.9	12.9	12.9	12.7	12.5	12.2	11.8	11.3	10.7
45°	16.5	17.0	17.3	17.4	17.3	17.0	16.5	15.8	15.0	13.9	12.8
42.5°	23.4	24.3	24.8	25.0	24.8	24.3	23.4	22.1	20.6	18.6	16.8
40°	33.8	35.2	36.1	36.4	36.1	35.2	33.8	31.7	29.1	26.0	23.3
37.5°	50.5	53.2	54.8	55.3	54.8	53.2	50.5	46.8	42.2	36.6	32.6
35°	77.2	81.8	84.7	85.6	84.7	81.8	77.2	70.8	62.6	53.8	46.8
32.5°	116.1	123.5	128.0	129.5	128.0	123.5	116.1	105.9	93.1	80.2	68.0
30°	178.4	192.0	200.2	203.0	200.2	192.0	178.4	159.6	136.1	116.8	97.6
27.5°	270.6	296.2	313.2	318.9	313.2	296.2	270.6	237.4	202.9	172.4	137.6
25°	405.6	440.4	461.7	468.9	461.7	440.4	405.6	358.1	304.2	247.1	197.4
22.5°	558.1	600.2	626.0	634.7	626.0	600.2	558.1	501.0	433.3	357.0	280.7
20°	723.0	775.9	808.6	819.6	808.6	775.9	723.0	651.8	571.8	481.2	386.8
17.5°	901.2	967.1	1008.4	1022.5	1008.4	967.1	901.2	813.9	716.7	608.5	498.5
15°	1084.7	1158.7	1203.4	1218.7	1203.4	1158.7	1084.7	984.6	865.5	738.9	608.5
12.5°	1249.3	1319.5	1360.3	1373.3	1360.3	1319.5	1249.3	1146.2	1013.8	865.5	716.7
10°	1374.5	1440.0	1479.3	1492.9	1479.3	1440.0	1374.5	1279.0	1146.2	984.6	813.9
7.5°	1466.5	1532.9	1573.0	1585.0	1573.0	1532.9	1466.5	1374.5	1249.3	1084.7	901.2
5°	1532.9	1597.7	1622.4	1627.7	1622.4	1597.7	1532.9	1440.0	1319.5	1158.7	967.1
2.5°	1573.0	1622.4	1626.4	1622.1	1626.4	1622.4	1573.0	1479.3	1360.3	1203.4	1008.4
0°	1585.0	1627.7	1622.1	1625.5	1622.1	1627.7	1585.0	1492.9	1373.3	1218.7	1022.5
-2.5°	1573.0	1622.4	1626.4	1622.1	1626.4	1622.4	1573.0	1479.3	1360.3	1203.4	1008.4
-5°	1532.9	1597.7	1622.4	1627.7	1622.4	1597.7	1532.9	1440.0	1319.5	1158.7	967.1
-7.5°	1466.5	1532.9	1573.0	1585.0	1573.0	1532.9	1466.5	1374.5	1249.3	1084.7	901.2
-10°	1374.5	1440.0	1479.3	1492.9	1479.3	1440.0	1374.5	1279.0	1146.2	984.6	813.9
-12.5°	1249.3	1319.5	1360.3	1373.3	1360.3	1319.5	1249.3	1146.2	1013.8	865.5	716.7
-15°	1084.7	1158.7	1203.4	1218.7	1203.4	1158.7	1084.7	984.6	865.5	738.9	608.5
-17.5°	901.2	967.1	1008.4	1022.5	1008.4	967.1	901.2	813.9	716.7	608.5	498.5
-20°	723.0	775.9	808.6	819.6	808.6	775.9	723.0	651.8	571.8	481.2	386.8



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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°	558.1	600.2	626.0	634.7	626.0	600.2	558.1	501.0	433.3	357.0	280.7
-25°	405.6	440.4	461.7	468.9	461.7	440.4	405.6	358.1	304.2	247.1	197.4
-27.5°	270.6	296.2	313.2	318.9	313.2	296.2	270.6	237.4	202.9	172.4	137.6
-30°	178.4	192.0	200.2	203.0	200.2	192.0	178.4	159.6	136.1	116.8	97.6
-32.5°	116.1	123.5	128.0	129.5	128.0	123.5	116.1	105.9	93.1	80.2	68.0
-35°	77.2	81.8	84.7	85.6	84.7	81.8	77.2	70.8	62.6	53.8	46.8
-37.5°	50.5	53.2	54.8	55.3	54.8	53.2	50.5	46.8	42.2	36.6	32.6
-40°	33.8	35.2	36.1	36.4	36.1	35.2	33.8	31.7	29.1	26.0	23.3
-42.5°	23.4	24.3	24.8	25.0	24.8	24.3	23.4	22.1	20.6	18.6	16.8
-45°	16.5	17.0	17.3	17.4	17.3	17.0	16.5	15.8	15.0	13.9	12.8
-47.5°	12.5	12.7	12.9	12.9	12.9	12.7	12.5	12.2	11.8	11.3	10.7
-50°	10.4	10.5	10.6	10.6	10.6	10.5	10.4	10.2	9.9	9.6	9.3
-52.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
-55°	9.0	9.1	9.1	9.1	9.1	9.1	9.0	8.9	8.8	8.7	8.5
-57.5°	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.1	8.1	8.0	7.8
-60°	7.5	7.6	7.6	7.6	7.6	7.6	7.5	7.4	7.4	7.2	7.1
-62.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.7	6.6	6.5	6.4
-65°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-67.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7
-70°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.1	5.0
-72.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
-75°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.4	4.3
-77.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.6
-80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9
-82.5°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.2	2.2
-85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
-87.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6
85°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1
82.5°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6
80°	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2
77.5°	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7
75°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2
72.5°	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.7
70°	4.9	4.8	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.2
67.5°	5.6	5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.5	4.5	4.5
65°	6.1	6.1	6.1	5.9	5.8	5.6	5.4	5.2	4.9	4.7	4.5
62.5°	6.3	6.2	6.1	6.1	6.1	6.1	6.0	5.8	5.5	5.3	5.0
60°	7.0	6.8	6.6	6.5	6.3	6.1	6.1	6.1	6.1	5.8	5.5
57.5°	7.7	7.5	7.3	7.1	6.9	6.6	6.4	6.2	6.1	6.1	6.0
55°	8.3	8.2	8.0	7.8	7.5	7.3	7.0	6.7	6.4	6.1	6.1
52.5°	9.1	8.9	8.6	8.4	8.1	7.8	7.6	7.2	6.9	6.6	6.2
50°	9.1	9.1	9.1	9.0	8.7	8.4	8.1	7.8	7.4	7.1	6.7
47.5°	10.2	9.8	9.3	9.1	9.1	9.0	8.7	8.3	7.9	7.6	7.1
45°	12.1	11.3	10.5	9.9	9.3	9.1	9.1	8.8	8.4	8.0	7.6
42.5°	15.3	13.7	12.4	11.4	10.4	9.7	9.1	9.1	8.9	8.4	8.0
40°	20.6	17.6	15.5	13.4	12.0	10.8	9.9	9.1	9.1	8.9	8.4
37.5°	28.2	23.9	20.4	16.9	14.5	12.4	11.1	10.0	9.1	9.1	8.8
35°	38.9	32.7	27.0	22.3	18.0	15.1	12.6	11.1	9.9	9.1	9.1
32.5°	54.7	45.4	35.7	29.2	23.2	18.4	15.1	12.4	10.8	9.7	9.1
30°	79.2	63.1	49.3	37.8	30.0	23.2	18.0	14.5	12.0	10.4	9.3
27.5°	111.3	86.2	67.5	50.7	37.8	29.2	22.3	16.9	13.4	11.4	9.9
25°	155.7	118.2	89.5	67.5	49.3	35.7	27.0	20.4	15.5	12.4	10.5
22.5°	212.7	161.8	118.2	86.2	63.1	45.4	32.7	23.9	17.6	13.7	11.3
20°	292.1	212.7	155.7	111.3	79.2	54.7	38.9	28.2	20.6	15.3	12.1
17.5°	386.8	280.7	197.4	137.6	97.6	68.0	46.8	32.6	23.3	16.8	12.8
15°	481.2	357.0	247.1	172.4	116.8	80.2	53.8	36.6	26.0	18.6	13.9
12.5°	571.8	433.3	304.2	202.9	136.1	93.1	62.6	42.2	29.1	20.6	15.0
10°	651.8	501.0	358.1	237.4	159.6	105.9	70.8	46.8	31.7	22.1	15.8
7.5°	723.0	558.1	405.6	270.6	178.4	116.1	77.2	50.5	33.8	23.4	16.5
5°	775.9	600.2	440.4	296.2	192.0	123.5	81.8	53.2	35.2	24.3	17.0
2.5°	808.6	626.0	461.7	313.2	200.2	128.0	84.7	54.8	36.1	24.8	17.3
0°	819.6	634.7	468.9	318.9	203.0	129.5	85.6	55.3	36.4	25.0	17.4
-2.5°	808.6	626.0	461.7	313.2	200.2	128.0	84.7	54.8	36.1	24.8	17.3
-5°	775.9	600.2	440.4	296.2	192.0	123.5	81.8	53.2	35.2	24.3	17.0
-7.5°	723.0	558.1	405.6	270.6	178.4	116.1	77.2	50.5	33.8	23.4	16.5
-10°	651.8	501.0	358.1	237.4	159.6	105.9	70.8	46.8	31.7	22.1	15.8
-12.5°	571.8	433.3	304.2	202.9	136.1	93.1	62.6	42.2	29.1	20.6	15.0
-15°	481.2	357.0	247.1	172.4	116.8	80.2	53.8	36.6	26.0	18.6	13.9
-17.5°	386.8	280.7	197.4	137.6	97.6	68.0	46.8	32.6	23.3	16.8	12.8
-20°	292.1	212.7	155.7	111.3	79.2	54.7	38.9	28.2	20.6	15.3	12.1



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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°	212.7	161.8	118.2	86.2	63.1	45.4	32.7	23.9	17.6	13.7	11.3
-25°	155.7	118.2	89.5	67.5	49.3	35.7	27.0	20.4	15.5	12.4	10.5
-27.5°	111.3	86.2	67.5	50.7	37.8	29.2	22.3	16.9	13.4	11.4	9.9
-30°	79.2	63.1	49.3	37.8	30.0	23.2	18.0	14.5	12.0	10.4	9.3
-32.5°	54.7	45.4	35.7	29.2	23.2	18.4	15.1	12.4	10.8	9.7	9.1
-35°	38.9	32.7	27.0	22.3	18.0	15.1	12.6	11.1	9.9	9.1	9.1
-37.5°	28.2	23.9	20.4	16.9	14.5	12.4	11.1	10.0	9.1	9.1	8.8
-40°	20.6	17.6	15.5	13.4	12.0	10.8	9.9	9.1	9.1	8.9	8.4
-42.5°	15.3	13.7	12.4	11.4	10.4	9.7	9.1	9.1	8.9	8.4	8.0
-45°	12.1	11.3	10.5	9.9	9.3	9.1	9.1	8.8	8.4	8.0	7.6
-47.5°	10.2	9.8	9.3	9.1	9.1	9.0	8.7	8.3	7.9	7.6	7.1
-50°	9.1	9.1	9.1	9.0	8.7	8.4	8.1	7.8	7.4	7.1	6.7
-52.5°	9.1	8.9	8.6	8.4	8.1	7.8	7.6	7.2	6.9	6.6	6.2
-55°	8.3	8.2	8.0	7.8	7.5	7.3	7.0	6.7	6.4	6.1	6.1
-57.5°	7.7	7.5	7.3	7.1	6.9	6.6	6.4	6.2	6.1	6.1	6.0
-60°	7.0	6.8	6.6	6.5	6.3	6.1	6.1	6.1	6.1	5.8	5.5
-62.5°	6.3	6.2	6.1	6.1	6.1	6.1	6.0	5.8	5.5	5.3	5.0
-65°	6.1	6.1	6.1	5.9	5.8	5.6	5.4	5.2	4.9	4.7	4.5
-67.5°	5.6	5.5	5.4	5.2	5.1	4.9	4.7	4.6	4.5	4.5	4.5
-70°	4.9	4.8	4.7	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.2
-72.5°	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.2	4.0	3.9	3.7
-75°	4.2	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2
-77.5°	3.6	3.5	3.4	3.3	3.3	3.2	3.1	3.0	2.9	2.8	2.7
-80°	2.8	2.8	2.7	2.7	2.6	2.6	2.5	2.4	2.3	2.3	2.2
-82.5°	2.2	2.1	2.1	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6
-85°	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1
-87.5°	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	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):**

	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	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2
85°	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
82.5°	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7
80°	2.1	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	0.9
77.5°	2.6	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1
75°	3.0	2.9	2.7	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.3
72.5°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
70°	4.0	3.9	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.0	1.8
67.5°	4.5	4.3	4.1	3.9	3.6	3.3	3.1	2.8	2.6	2.3	2.0
65°	4.5	4.5	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
62.5°	4.7	4.5	4.5	4.5	4.3	4.0	3.7	3.4	3.1	2.7	2.4
60°	5.2	4.9	4.6	4.5	4.5	4.4	4.0	3.7	3.3	3.0	2.6
57.5°	5.7	5.4	5.0	4.6	4.5	4.5	4.3	4.0	3.6	3.2	2.8
55°	6.1	5.8	5.4	5.0	4.6	4.5	4.5	4.2	3.9	3.4	3.0
52.5°	6.1	6.1	5.9	5.4	5.0	4.6	4.5	4.5	4.1	3.6	3.2
50°	6.3	6.1	6.1	5.8	5.4	4.9	4.5	4.5	4.3	3.9	3.4
47.5°	6.7	6.3	6.1	6.1	5.7	5.2	4.7	4.5	4.5	4.0	3.6
45°	7.1	6.7	6.2	6.1	6.0	5.5	5.0	4.5	4.5	4.2	3.7
42.5°	7.6	7.1	6.6	6.1	6.1	5.8	5.3	4.7	4.5	4.4	3.9
40°	7.9	7.4	6.9	6.4	6.1	6.1	5.5	4.9	4.5	4.5	4.0
37.5°	8.3	7.8	7.2	6.7	6.2	6.1	5.8	5.2	4.6	4.5	4.2
35°	8.7	8.1	7.6	7.0	6.4	6.1	6.0	5.4	4.7	4.5	4.3
32.5°	9.0	8.4	7.8	7.3	6.6	6.1	6.1	5.6	4.9	4.5	4.4
30°	9.1	8.7	8.1	7.5	6.9	6.3	6.1	5.8	5.1	4.5	4.5
27.5°	9.1	9.0	8.4	7.8	7.1	6.5	6.1	5.9	5.2	4.6	4.5
25°	9.3	9.1	8.6	8.0	7.3	6.6	6.1	6.1	5.4	4.7	4.5
22.5°	9.8	9.1	8.9	8.2	7.5	6.8	6.2	6.1	5.5	4.8	4.5
20°	10.2	9.1	9.1	8.3	7.7	7.0	6.3	6.1	5.6	4.9	4.5
17.5°	10.7	9.3	9.1	8.5	7.8	7.1	6.4	6.1	5.7	5.0	4.5
15°	11.3	9.6	9.1	8.7	8.0	7.2	6.5	6.1	5.8	5.1	4.5
12.5°	11.8	9.9	9.1	8.8	8.1	7.4	6.6	6.1	5.9	5.1	4.5
10°	12.2	10.2	9.1	8.9	8.1	7.4	6.7	6.1	6.0	5.2	4.5
7.5°	12.5	10.4	9.1	9.0	8.2	7.5	6.7	6.1	6.0	5.2	4.5
5°	12.7	10.5	9.1	9.1	8.3	7.6	6.8	6.1	6.1	5.3	4.5
2.5°	12.9	10.6	9.1	9.1	8.3	7.6	6.8	6.1	6.1	5.3	4.5
0°	12.9	10.6	9.1	9.1	8.3	7.6	6.8	6.1	6.1	5.3	4.5
-2.5°	12.9	10.6	9.1	9.1	8.3	7.6	6.8	6.1	6.1	5.3	4.5
-5°	12.7	10.5	9.1	9.1	8.3	7.6	6.8	6.1	6.1	5.3	4.5
-7.5°	12.5	10.4	9.1	9.0	8.2	7.5	6.7	6.1	6.0	5.2	4.5
-10°	12.2	10.2	9.1	8.9	8.1	7.4	6.7	6.1	6.0	5.2	4.5
-12.5°	11.8	9.9	9.1	8.8	8.1	7.4	6.6	6.1	5.9	5.1	4.5
-15°	11.3	9.6	9.1	8.7	8.0	7.2	6.5	6.1	5.8	5.1	4.5
-17.5°	10.7	9.3	9.1	8.5	7.8	7.1	6.4	6.1	5.7	5.0	4.5
-20°	10.2	9.1	9.1	8.3	7.7	7.0	6.3	6.1	5.6	4.9	4.5



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	9.8	9.1	8.9	8.2	7.5	6.8	6.2	6.1	5.5	4.8	4.5
-25°	9.3	9.1	8.6	8.0	7.3	6.6	6.1	6.1	5.4	4.7	4.5
-27.5°	9.1	9.0	8.4	7.8	7.1	6.5	6.1	5.9	5.2	4.6	4.5
-30°	9.1	8.7	8.1	7.5	6.9	6.3	6.1	5.8	5.1	4.5	4.5
-32.5°	9.0	8.4	7.8	7.3	6.6	6.1	6.1	5.6	4.9	4.5	4.4
-35°	8.7	8.1	7.6	7.0	6.4	6.1	6.0	5.4	4.7	4.5	4.3
-37.5°	8.3	7.8	7.2	6.7	6.2	6.1	5.8	5.2	4.6	4.5	4.2
-40°	7.9	7.4	6.9	6.4	6.1	6.1	5.5	4.9	4.5	4.5	4.0
-42.5°	7.6	7.1	6.6	6.1	6.1	5.8	5.3	4.7	4.5	4.4	3.9
-45°	7.1	6.7	6.2	6.1	6.0	5.5	5.0	4.5	4.5	4.2	3.7
-47.5°	6.7	6.3	6.1	6.1	5.7	5.2	4.7	4.5	4.5	4.0	3.6
-50°	6.3	6.1	6.1	5.8	5.4	4.9	4.5	4.5	4.3	3.9	3.4
-52.5°	6.1	6.1	5.9	5.4	5.0	4.6	4.5	4.5	4.1	3.6	3.2
-55°	6.1	5.8	5.4	5.0	4.6	4.5	4.5	4.2	3.9	3.4	3.0
-57.5°	5.7	5.4	5.0	4.6	4.5	4.5	4.3	4.0	3.6	3.2	2.8
-60°	5.2	4.9	4.6	4.5	4.5	4.4	4.0	3.7	3.3	3.0	2.6
-62.5°	4.7	4.5	4.5	4.5	4.3	4.0	3.7	3.4	3.1	2.7	2.4
-65°	4.5	4.5	4.5	4.2	4.0	3.7	3.4	3.1	2.8	2.5	2.2
-67.5°	4.5	4.3	4.1	3.9	3.6	3.3	3.1	2.8	2.6	2.3	2.0
-70°	4.0	3.9	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.0	1.8
-72.5°	3.6	3.4	3.2	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.6
-75°	3.0	2.9	2.7	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.3
-77.5°	2.6	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1
-80°	2.1	2.0	1.8	1.7	1.6	1.5	1.4	1.3	1.2	1.1	0.9
-82.5°	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.7
-85°	1.0	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.5	0.5
-87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	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	0.3	0.2	0.1	0.1	0.0
82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
77.5°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
75°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
72.5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
70°	1.5	1.3	1.1	0.8	0.5	0.3	0.0
67.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
65°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
62.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
60°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
57.5°	2.4	2.0	1.6	1.2	0.9	0.4	0.0
55°	2.6	2.2	1.7	1.3	0.9	0.5	0.0
52.5°	2.7	2.3	1.8	1.4	1.0	0.5	0.0
50°	2.9	2.4	2.0	1.4	1.0	0.5	0.0
47.5°	3.0	2.6	2.1	1.5	1.0	0.5	0.0
45°	3.2	2.7	2.2	1.6	1.1	0.6	0.0
42.5°	3.3	2.8	2.3	1.7	1.1	0.6	0.0
40°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
37.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
35°	3.7	3.1	2.5	1.9	1.2	0.7	0.0
32.5°	3.8	3.2	2.6	1.9	1.3	0.7	0.0
30°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
27.5°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
25°	4.1	3.4	2.7	2.1	1.4	0.7	0.0
22.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
20°	4.2	3.6	2.8	2.2	1.4	0.8	0.0
17.5°	4.3	3.6	2.9	2.2	1.4	0.8	0.0
15°	4.4	3.7	2.9	2.2	1.5	0.8	0.0
12.5°	4.4	3.7	2.9	2.2	1.5	0.8	0.0
10°	4.4	3.7	3.0	2.3	1.5	0.8	0.0
7.5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
2.5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
0°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
-2.5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
-5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
-7.5°	4.5	3.8	3.0	2.3	1.5	0.8	0.0
-10°	4.4	3.7	3.0	2.3	1.5	0.8	0.0
-12.5°	4.4	3.7	2.9	2.2	1.5	0.8	0.0
-15°	4.4	3.7	2.9	2.2	1.5	0.8	0.0
-17.5°	4.3	3.6	2.9	2.2	1.4	0.8	0.0
-20°	4.2	3.6	2.8	2.2	1.4	0.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0
-25°	4.1	3.4	2.7	2.1	1.4	0.7	0.0
-27.5°	4.0	3.3	2.7	2.0	1.3	0.7	0.0
-30°	3.9	3.3	2.6	2.0	1.3	0.7	0.0
-32.5°	3.8	3.2	2.6	1.9	1.3	0.7	0.0
-35°	3.7	3.1	2.5	1.9	1.2	0.7	0.0
-37.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0
-40°	3.5	2.9	2.3	1.7	1.2	0.6	0.0
-42.5°	3.3	2.8	2.3	1.7	1.1	0.6	0.0
-45°	3.2	2.7	2.2	1.6	1.1	0.6	0.0
-47.5°	3.0	2.6	2.1	1.5	1.0	0.5	0.0
-50°	2.9	2.4	2.0	1.4	1.0	0.5	0.0
-52.5°	2.7	2.3	1.8	1.4	1.0	0.5	0.0
-55°	2.6	2.2	1.7	1.3	0.9	0.5	0.0
-57.5°	2.4	2.0	1.6	1.2	0.9	0.4	0.0
-60°	2.3	1.9	1.5	1.1	0.8	0.4	0.0
-62.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
-65°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-67.5°	1.7	1.4	1.2	0.9	0.6	0.3	0.0
-70°	1.5	1.3	1.1	0.8	0.5	0.3	0.0
-72.5°	1.3	1.1	0.9	0.7	0.5	0.2	0.0
-75°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-77.5°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-80°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
-82.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.4	0.3	0.3	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)