

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: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P220377 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P29418)  
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]-FL-LED2790-M-WT-L1-UNV  
Description: LUMIERE LANTERRA 1002 LED ACCENT/PATH/SIGN LUMINAIRE, FLUSH LENS,  
MEDIUM FLOOD OPTIC, WHITE HOUSING.  
Light Source: (1) 2700K CCT, 90 CRI LED  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	767.6 lumens	Max Intensity:	4197.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	76.8 lumens/watt		
Luminous Opening:	Circular (Dia: 0.17' x H: 0')		
Beam Angle (50%):	23.1°H x 23.1°V	Field Angle (10%):	38.1°H x 38.1°V
Beam Lumens:	391 lumens	Field Lumens:	601.3 lumens
Beam Efficiency:	50.9%	Field Efficiency:	78.3%

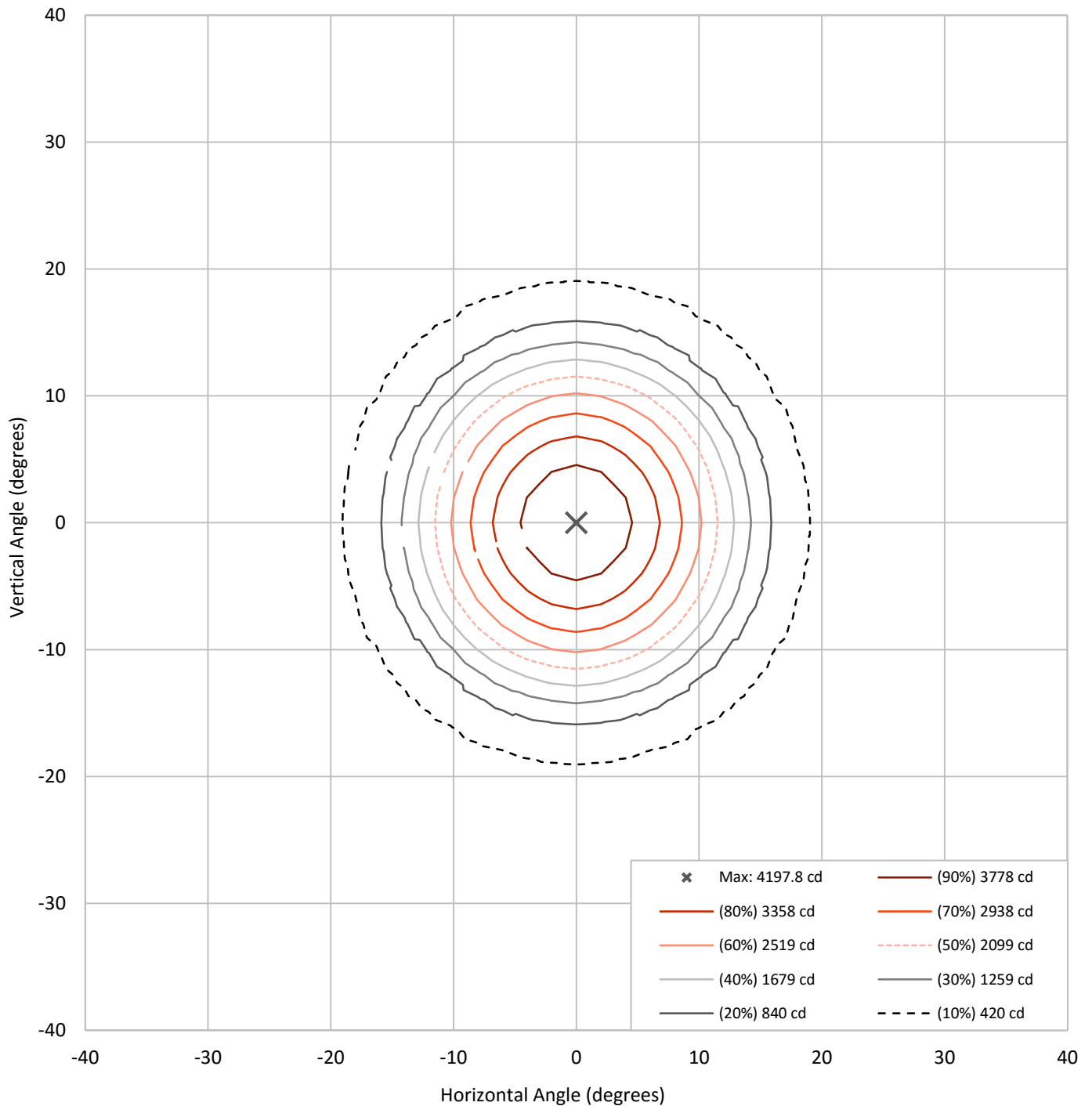
Input Watts (W): 10  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-M-WT-L1-UNV

### Iso-Candela Plot



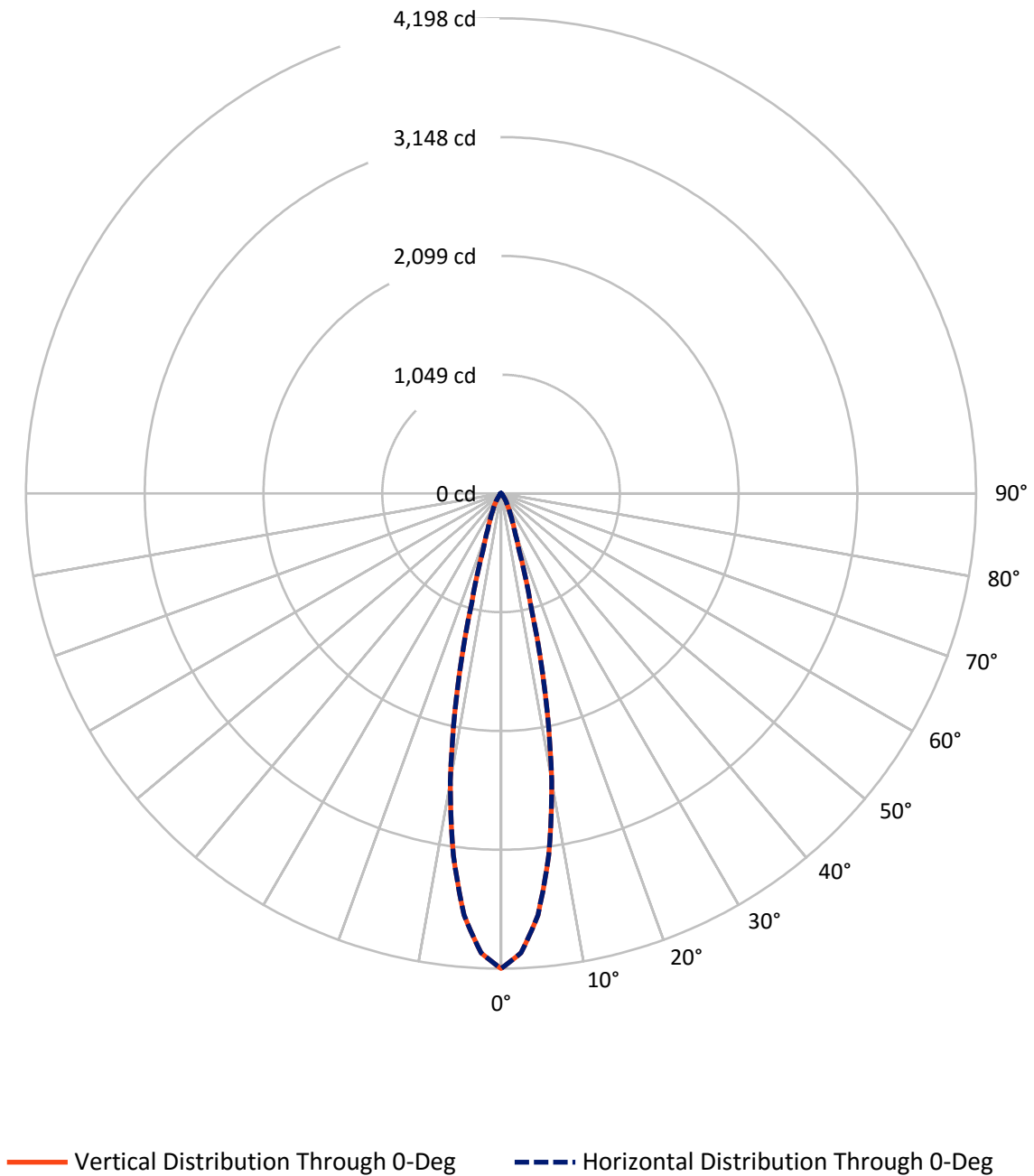
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### Lumen Table

90																			
80	0.0	0.1		0.1		0.2		0.3		0.2		0.1		0.1		0.0			
70	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	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				
50	0.0	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1	0.0			
40		0.1	0.1	0.1	0.2	0.5	1.0	1.6	1.6	1.0	0.5	0.2	0.1	0.1	0.1				
30	0.1	0.1	0.1	0.2	0.4	1.6	3.7	5.7	5.7	3.7	1.6	0.4	0.2	0.1	0.1	0.1			
20		0.1	0.1	0.2	0.9	3.4	10.2	29.3	29.3	10.2	3.4	0.9	0.2	0.1	0.1				
10	0.1	0.1	0.1	0.3	1.3	5.2	28.5	93.1	93.1	28.5	5.2	1.3	0.3	0.1	0.1	0.1			
0		0.1	0.1	0.3	1.3	5.2	28.5	93.1	93.1	28.5	5.2	1.3	0.3	0.1	0.1				
-10	0.1	0.1	0.1	0.2	0.9	3.4	10.2	29.3	29.3	10.2	3.4	0.9	0.2	0.1	0.1	0.1			
-20		0.1	0.1	0.2	0.4	1.6	3.7	5.7	5.7	3.7	1.6	0.4	0.2	0.1	0.1				
-30	0.0	0.1	0.1	0.1	0.2	0.5	1.0	1.6	1.6	1.0	0.5	0.2	0.1	0.1	0.1	0.0			
-40		0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.3	0.2	0.2	0.1	0.1	0.1				
-50	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		0.0	0.1	0.1	0.1	0.1	0.1	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	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0			
-80		0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0				
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

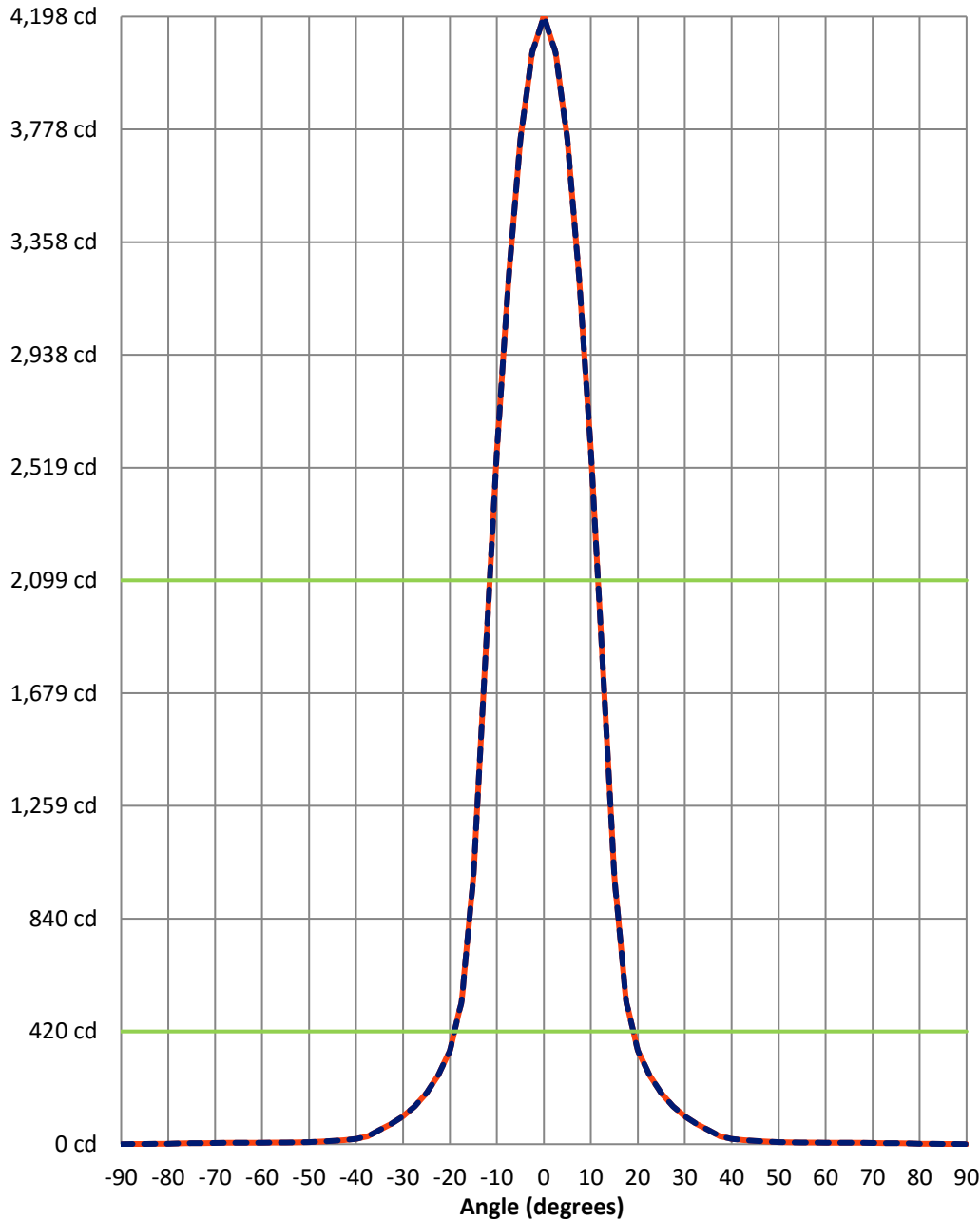
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### Luminous Intensity Polar Plot



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### Luminous Intensity Plot



**Beam:**  
H Angle: 23.1°  
V Angle: 23.1°  
Lumens: 391  
Efficiency: 50.9%

**Field:**  
H Angle: 38.1°  
V Angle: 38.1°  
Lumens: 601.3  
Efficiency: 78.3%

**Spill:**  
Lumens: 166.3  
Efficiency: 21.7%

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



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 CATALOG NUMBER: 1002-[A1, P1, S1, SU1]-FL-LED2790-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	0.7	0.8	1.3	1.5	2.4	3.4	3.8	4.1	4.7	5.3
-25°	0.0	0.7	0.8	1.3	1.5	2.3	3.3	3.8	4.0	4.6	5.3
-27.5°	0.0	0.7	0.8	1.3	1.5	2.1	3.2	3.8	3.8	4.5	5.1
-30°	0.0	0.7	0.8	1.2	1.5	2.0	3.1	3.8	3.8	4.3	5.0
-32.5°	0.0	0.7	0.8	1.2	1.5	1.8	3.0	3.7	3.8	4.2	4.8
-35°	0.0	0.7	0.8	1.1	1.5	1.6	2.8	3.6	3.8	4.0	4.6
-37.5°	0.0	0.6	0.8	1.1	1.5	1.5	2.6	3.4	3.8	3.8	4.4
-40°	0.0	0.6	0.8	1.0	1.5	1.5	2.4	3.3	3.8	3.8	4.2
-42.5°	0.0	0.6	0.8	0.9	1.5	1.5	2.1	3.1	3.7	3.8	4.0
-45°	0.0	0.6	0.8	0.9	1.4	1.5	1.8	2.9	3.5	3.8	3.8
-47.5°	0.0	0.5	0.8	0.8	1.3	1.5	1.5	2.5	3.3	3.8	3.8
-50°	0.0	0.5	0.8	0.8	1.2	1.5	1.5	2.2	3.1	3.6	3.8
-52.5°	0.0	0.5	0.8	0.8	1.1	1.5	1.5	1.8	2.7	3.3	3.8
-55°	0.0	0.5	0.8	0.8	1.0	1.4	1.5	1.5	2.3	3.1	3.5
-57.5°	0.0	0.4	0.8	0.8	0.9	1.3	1.5	1.5	1.9	2.6	3.2
-60°	0.0	0.4	0.8	0.8	0.8	1.1	1.5	1.5	1.5	2.1	2.8
-62.5°	0.0	0.4	0.7	0.8	0.8	1.0	1.3	1.5	1.5	1.6	2.3
-65°	0.0	0.3	0.7	0.8	0.8	0.9	1.2	1.4	1.5	1.5	1.7
-67.5°	0.0	0.3	0.6	0.8	0.8	0.8	1.0	1.3	1.5	1.5	1.5
-70°	0.0	0.3	0.5	0.8	0.8	0.8	0.8	1.1	1.3	1.5	1.5
-72.5°	0.0	0.2	0.5	0.7	0.8	0.8	0.8	0.9	1.1	1.3	1.4
-75°	0.0	0.2	0.4	0.6	0.8	0.8	0.8	0.8	0.8	1.0	1.2
-77.5°	0.0	0.2	0.3	0.5	0.7	0.8	0.8	0.8	0.8	0.8	0.9
-80°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.8	0.8	0.8	0.8
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.8
-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	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.1
80°	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.5
77.5°	1.0	1.1	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
75°	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.8	2.1	2.4	2.6
72.5°	1.5	1.5	1.5	1.5	1.8	2.2	2.5	2.9	3.1	3.3	3.4
70°	1.5	1.5	1.9	2.3	2.7	3.1	3.3	3.5	3.7	3.8	3.8
67.5°	1.6	2.1	2.6	3.1	3.3	3.6	3.8	3.8	3.8	3.8	3.8
65°	2.3	2.8	3.2	3.5	3.8	3.8	3.8	3.8	4.0	4.2	4.4
62.5°	2.9	3.3	3.6	3.8	3.8	3.8	4.0	4.2	4.5	4.7	5.0
60°	3.3	3.6	3.8	3.8	3.9	4.1	4.4	4.7	5.0	5.3	5.3
57.5°	3.6	3.8	3.8	3.9	4.2	4.6	4.9	5.2	5.3	5.3	5.3
55°	3.8	3.8	3.9	4.3	4.6	5.0	5.3	5.3	5.3	5.3	5.3
52.5°	3.8	3.9	4.2	4.6	5.1	5.3	5.3	5.3	5.3	5.3	5.3
50°	3.8	4.1	4.6	5.0	5.3	5.3	5.3	5.3	5.3	5.3	5.5
47.5°	4.0	4.4	4.9	5.3	5.3	5.3	5.3	5.3	5.3	5.7	6.1
45°	4.2	4.7	5.2	5.3	5.3	5.3	5.3	5.3	5.8	6.1	6.1
42.5°	4.5	5.0	5.3	5.3	5.3	5.3	5.3	5.8	6.1	6.1	6.3
40°	4.7	5.3	5.3	5.3	5.3	5.3	5.7	6.1	6.1	6.4	6.8
37.5°	5.0	5.3	5.3	5.3	5.3	5.5	6.1	6.1	6.3	6.8	7.3
35°	5.2	5.3	5.3	5.3	5.3	5.9	6.1	6.2	6.7	7.2	8.1
32.5°	5.3	5.3	5.3	5.3	5.6	6.1	6.1	6.6	7.1	7.8	9.4
30°	5.3	5.3	5.3	5.3	5.9	6.1	6.3	6.9	7.5	9.0	10.6
27.5°	5.3	5.3	5.3	5.5	6.1	6.1	6.6	7.2	8.3	10.1	11.8
25°	5.3	5.3	5.3	5.7	6.1	6.3	6.9	7.6	9.3	11.2	13.3
22.5°	5.3	5.3	5.3	5.9	6.1	6.5	7.2	8.3	10.2	12.2	14.7
20°	5.3	5.3	5.4	6.1	6.1	6.7	7.4	9.0	11.0	13.4	16.4
17.5°	5.3	5.3	5.6	6.1	6.2	6.9	7.7	9.7	11.8	14.4	18.2
15°	5.3	5.3	5.7	6.1	6.4	7.1	8.2	10.3	12.6	15.5	19.8
12.5°	5.3	5.3	5.8	6.1	6.5	7.2	8.7	10.9	13.3	16.8	22.7
10°	5.3	5.3	5.9	6.1	6.6	7.4	9.1	11.3	14.0	17.8	25.1
7.5°	5.3	5.3	6.0	6.1	6.7	7.5	9.4	11.7	14.5	18.6	27.0
5°	5.3	5.3	6.1	6.1	6.8	7.5	9.6	11.9	14.8	19.2	28.4
2.5°	5.3	5.3	6.1	6.1	6.8	7.6	9.8	12.0	15.0	19.6	29.2
0°	5.3	5.3	6.1	6.1	6.8	7.6	9.8	12.1	15.1	19.7	29.5
-2.5°	5.3	5.3	6.1	6.1	6.8	7.6	9.8	12.0	15.0	19.6	29.2
-5°	5.3	5.3	6.1	6.1	6.8	7.5	9.6	11.9	14.8	19.2	28.4
-7.5°	5.3	5.3	6.0	6.1	6.7	7.5	9.4	11.7	14.5	18.6	27.0
-10°	5.3	5.3	5.9	6.1	6.6	7.4	9.1	11.3	14.0	17.8	25.1
-12.5°	5.3	5.3	5.8	6.1	6.5	7.2	8.7	10.9	13.3	16.8	22.7
-15°	5.3	5.3	5.7	6.1	6.4	7.1	8.2	10.3	12.6	15.5	19.8
-17.5°	5.3	5.3	5.6	6.1	6.2	6.9	7.7	9.7	11.8	14.4	18.2
-20°	5.3	5.3	5.4	6.1	6.1	6.7	7.4	9.0	11.0	13.4	16.4



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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°	5.3	5.3	5.3	5.9	6.1	6.5	7.2	8.3	10.2	12.2	14.7
-25°	5.3	5.3	5.3	5.7	6.1	6.3	6.9	7.6	9.3	11.2	13.3
-27.5°	5.3	5.3	5.3	5.5	6.1	6.1	6.6	7.2	8.3	10.1	11.8
-30°	5.3	5.3	5.3	5.3	5.9	6.1	6.3	6.9	7.5	9.0	10.6
-32.5°	5.3	5.3	5.3	5.3	5.6	6.1	6.1	6.6	7.1	7.8	9.4
-35°	5.2	5.3	5.3	5.3	5.3	5.9	6.1	6.2	6.7	7.2	8.1
-37.5°	5.0	5.3	5.3	5.3	5.3	5.5	6.1	6.1	6.3	6.8	7.3
-40°	4.7	5.3	5.3	5.3	5.3	5.3	5.7	6.1	6.1	6.4	6.8
-42.5°	4.5	5.0	5.3	5.3	5.3	5.3	5.3	5.8	6.1	6.1	6.3
-45°	4.2	4.7	5.2	5.3	5.3	5.3	5.3	5.3	5.8	6.1	6.1
-47.5°	4.0	4.4	4.9	5.3	5.3	5.3	5.3	5.3	5.3	5.7	6.1
-50°	3.8	4.1	4.6	5.0	5.3	5.3	5.3	5.3	5.3	5.3	5.5
-52.5°	3.8	3.9	4.2	4.6	5.1	5.3	5.3	5.3	5.3	5.3	5.3
-55°	3.8	3.8	3.9	4.3	4.6	5.0	5.3	5.3	5.3	5.3	5.3
-57.5°	3.6	3.8	3.8	3.9	4.2	4.6	4.9	5.2	5.3	5.3	5.3
-60°	3.3	3.6	3.8	3.8	3.9	4.1	4.4	4.7	5.0	5.3	5.3
-62.5°	2.9	3.3	3.6	3.8	3.8	3.8	4.0	4.2	4.5	4.7	5.0
-65°	2.3	2.8	3.2	3.5	3.8	3.8	3.8	3.8	4.0	4.2	4.4
-67.5°	1.6	2.1	2.6	3.1	3.3	3.6	3.8	3.8	3.8	3.8	3.8
-70°	1.5	1.5	1.9	2.3	2.7	3.1	3.3	3.5	3.7	3.8	3.8
-72.5°	1.5	1.5	1.5	1.5	1.8	2.2	2.5	2.9	3.1	3.3	3.4
-75°	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.8	2.1	2.4	2.6
-77.5°	1.0	1.1	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-80°	0.8	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.5	1.5
-82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.1
-85°	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	1.6	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
75°	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.7
72.5°	3.6	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
70°	3.8	3.8	3.8	3.8	4.0	4.1	4.1	4.2	4.3	4.4	4.4
67.5°	4.0	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2
65°	4.6	4.8	5.0	5.1	5.3	5.3	5.3	5.3	5.3	5.3	5.3
62.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
57.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.6	5.7	5.8	5.9
55°	5.3	5.3	5.3	5.5	5.7	5.9	6.1	6.1	6.1	6.1	6.1
52.5°	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.2	6.4	6.5	6.6
50°	5.9	6.1	6.1	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4
47.5°	6.1	6.1	6.3	6.6	6.9	7.2	7.4	7.7	8.2	8.7	9.1
45°	6.2	6.6	6.9	7.2	7.6	8.3	9.0	9.7	10.3	10.9	11.3
42.5°	6.7	7.1	7.5	8.3	9.3	10.2	11.0	11.8	12.6	13.3	14.0
40°	7.2	7.8	9.0	10.1	11.2	12.2	13.4	14.4	15.5	16.8	17.8
37.5°	8.1	9.4	10.6	11.8	13.3	14.7	16.4	18.2	19.8	22.7	25.1
35°	9.5	10.9	12.3	14.0	15.9	18.2	21.0	25.1	28.7	35.2	41.5
32.5°	10.9	12.5	14.4	16.8	19.4	24.4	29.2	39.4	48.8	56.9	63.5
30°	12.3	14.4	17.1	20.4	26.4	35.5	48.0	59.2	69.1	78.2	87.2
27.5°	14.0	16.8	20.4	27.1	38.9	53.3	66.3	78.8	92.1	103.7	115.7
25°	15.9	19.4	26.4	38.9	55.0	69.9	85.7	101.7	118.9	136.4	152.9
22.5°	18.2	24.4	35.5	53.3	69.9	88.1	107.1	129.2	152.5	177.4	203.0
20°	21.0	29.2	48.0	66.3	85.7	107.1	132.8	161.8	195.1	231.5	265.3
17.5°	25.1	39.4	59.2	78.8	101.7	129.2	161.8	202.0	246.3	297.8	346.3
15°	28.7	48.8	69.1	92.1	118.9	152.5	195.1	246.3	308.9	379.2	482.0
12.5°	35.2	56.9	78.2	103.7	136.4	177.4	231.5	297.8	379.2	522.6	773.4
10°	41.5	63.5	87.2	115.7	152.9	203.0	265.3	346.3	482.0	773.4	1262.5
7.5°	46.5	68.8	94.4	126.1	167.6	226.0	300.9	402.7	637.7	1132.7	1802.1
5°	50.1	72.6	99.6	134.0	179.9	242.9	327.4	464.4	812.2	1476.8	2231.5
2.5°	52.3	74.9	102.7	139.2	187.5	253.3	343.7	515.2	951.5	1712.1	2491.4
0°	53.0	75.7	103.8	140.9	190.1	256.8	349.2	534.8	999.1	1794.4	2581.4
-2.5°	52.3	74.9	102.7	139.2	187.5	253.3	343.7	515.2	951.5	1712.1	2491.4
-5°	50.1	72.6	99.6	134.0	179.9	242.9	327.4	464.4	812.2	1476.8	2231.5
-7.5°	46.5	68.8	94.4	126.1	167.6	226.0	300.9	402.7	637.7	1132.7	1802.1
-10°	41.5	63.5	87.2	115.7	152.9	203.0	265.3	346.3	482.0	773.4	1262.5
-12.5°	35.2	56.9	78.2	103.7	136.4	177.4	231.5	297.8	379.2	522.6	773.4
-15°	28.7	48.8	69.1	92.1	118.9	152.5	195.1	246.3	308.9	379.2	482.0
-17.5°	25.1	39.4	59.2	78.8	101.7	129.2	161.8	202.0	246.3	297.8	346.3
-20°	21.0	29.2	48.0	66.3	85.7	107.1	132.8	161.8	195.1	231.5	265.3



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	18.2	24.4	35.5	53.3	69.9	88.1	107.1	129.2	152.5	177.4	203.0
-25°	15.9	19.4	26.4	38.9	55.0	69.9	85.7	101.7	118.9	136.4	152.9
-27.5°	14.0	16.8	20.4	27.1	38.9	53.3	66.3	78.8	92.1	103.7	115.7
-30°	12.3	14.4	17.1	20.4	26.4	35.5	48.0	59.2	69.1	78.2	87.2
-32.5°	10.9	12.5	14.4	16.8	19.4	24.4	29.2	39.4	48.8	56.9	63.5
-35°	9.5	10.9	12.3	14.0	15.9	18.2	21.0	25.1	28.7	35.2	41.5
-37.5°	8.1	9.4	10.6	11.8	13.3	14.7	16.4	18.2	19.8	22.7	25.1
-40°	7.2	7.8	9.0	10.1	11.2	12.2	13.4	14.4	15.5	16.8	17.8
-42.5°	6.7	7.1	7.5	8.3	9.3	10.2	11.0	11.8	12.6	13.3	14.0
-45°	6.2	6.6	6.9	7.2	7.6	8.3	9.0	9.7	10.3	10.9	11.3
-47.5°	6.1	6.1	6.3	6.6	6.9	7.2	7.4	7.7	8.2	8.7	9.1
-50°	5.9	6.1	6.1	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4
-52.5°	5.3	5.6	5.9	6.1	6.1	6.1	6.1	6.2	6.4	6.5	6.6
-55°	5.3	5.3	5.3	5.5	5.7	5.9	6.1	6.1	6.1	6.1	6.1
-57.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.4	5.6	5.7	5.8	5.9
-60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-62.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-65°	4.6	4.8	5.0	5.1	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-67.5°	4.0	4.2	4.3	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2
-70°	3.8	3.8	3.8	3.8	4.0	4.1	4.1	4.2	4.3	4.4	4.4
-72.5°	3.6	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-75°	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.6	3.7	3.7
-77.5°	1.6	1.8	2.0	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9
-80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-82.5°	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
77.5°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.7	2.6
75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.6
72.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.2
67.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.0	4.9
65°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
57.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.8	5.7	5.6
55°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
52.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.5	6.4	6.2
50°	7.5	7.5	7.6	7.6	7.6	7.5	7.5	7.4	7.2	7.1	6.9
47.5°	9.4	9.6	9.8	9.8	9.8	9.6	9.4	9.1	8.7	8.2	7.7
45°	11.7	11.9	12.0	12.1	12.0	11.9	11.7	11.3	10.9	10.3	9.7
42.5°	14.5	14.8	15.0	15.1	15.0	14.8	14.5	14.0	13.3	12.6	11.8
40°	18.6	19.2	19.6	19.7	19.6	19.2	18.6	17.8	16.8	15.5	14.4
37.5°	27.0	28.4	29.2	29.5	29.2	28.4	27.0	25.1	22.7	19.8	18.2
35°	46.5	50.1	52.3	53.0	52.3	50.1	46.5	41.5	35.2	28.7	25.1
32.5°	68.8	72.6	74.9	75.7	74.9	72.6	68.8	63.5	56.9	48.8	39.4
30°	94.4	99.6	102.7	103.8	102.7	99.6	94.4	87.2	78.2	69.1	59.2
27.5°	126.1	134.0	139.2	140.9	139.2	134.0	126.1	115.7	103.7	92.1	78.8
25°	167.6	179.9	187.5	190.1	187.5	179.9	167.6	152.9	136.4	118.9	101.7
22.5°	226.0	242.9	253.3	256.8	253.3	242.9	226.0	203.0	177.4	152.5	129.2
20°	300.9	327.4	343.7	349.2	343.7	327.4	300.9	265.3	231.5	195.1	161.8
17.5°	402.7	464.4	515.2	534.8	515.2	464.4	402.7	346.3	297.8	246.3	202.0
15°	637.7	812.2	951.5	999.1	951.5	812.2	637.7	482.0	379.2	308.9	246.3
12.5°	1132.7	1476.8	1712.1	1794.4	1712.1	1476.8	1132.7	773.4	522.6	379.2	297.8
10°	1802.1	2231.5	2491.4	2581.4	2491.4	2231.5	1802.1	1262.5	773.4	482.0	346.3
7.5°	2406.7	2850.9	3129.2	3224.9	3129.2	2850.9	2406.7	1802.1	1132.7	637.7	402.7
5°	2850.9	3327.6	3629.7	3740.3	3629.7	3327.6	2850.9	2231.5	1476.8	812.2	464.4
2.5°	3129.2	3629.7	3953.8	4062.6	3953.8	3629.7	3129.2	2491.4	1712.1	951.5	515.2
0°	3224.9	3740.3	4062.6	4197.8	4062.6	3740.3	3224.9	2581.4	1794.4	999.1	534.8
-2.5°	3129.2	3629.7	3953.8	4062.6	3953.8	3629.7	3129.2	2491.4	1712.1	951.5	515.2
-5°	2850.9	3327.6	3629.7	3740.3	3629.7	3327.6	2850.9	2231.5	1476.8	812.2	464.4
-7.5°	2406.7	2850.9	3129.2	3224.9	3129.2	2850.9	2406.7	1802.1	1132.7	637.7	402.7
-10°	1802.1	2231.5	2491.4	2581.4	2491.4	2231.5	1802.1	1262.5	773.4	482.0	346.3
-12.5°	1132.7	1476.8	1712.1	1794.4	1712.1	1476.8	1132.7	773.4	522.6	379.2	297.8
-15°	637.7	812.2	951.5	999.1	951.5	812.2	637.7	482.0	379.2	308.9	246.3
-17.5°	402.7	464.4	515.2	534.8	515.2	464.4	402.7	346.3	297.8	246.3	202.0
-20°	300.9	327.4	343.7	349.2	343.7	327.4	300.9	265.3	231.5	195.1	161.8



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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°	226.0	242.9	253.3	256.8	253.3	242.9	226.0	203.0	177.4	152.5	129.2
-25°	167.6	179.9	187.5	190.1	187.5	179.9	167.6	152.9	136.4	118.9	101.7
-27.5°	126.1	134.0	139.2	140.9	139.2	134.0	126.1	115.7	103.7	92.1	78.8
-30°	94.4	99.6	102.7	103.8	102.7	99.6	94.4	87.2	78.2	69.1	59.2
-32.5°	68.8	72.6	74.9	75.7	74.9	72.6	68.8	63.5	56.9	48.8	39.4
-35°	46.5	50.1	52.3	53.0	52.3	50.1	46.5	41.5	35.2	28.7	25.1
-37.5°	27.0	28.4	29.2	29.5	29.2	28.4	27.0	25.1	22.7	19.8	18.2
-40°	18.6	19.2	19.6	19.7	19.6	19.2	18.6	17.8	16.8	15.5	14.4
-42.5°	14.5	14.8	15.0	15.1	15.0	14.8	14.5	14.0	13.3	12.6	11.8
-45°	11.7	11.9	12.0	12.1	12.0	11.9	11.7	11.3	10.9	10.3	9.7
-47.5°	9.4	9.6	9.8	9.8	9.8	9.6	9.4	9.1	8.7	8.2	7.7
-50°	7.5	7.5	7.6	7.6	7.6	7.5	7.5	7.4	7.2	7.1	6.9
-52.5°	6.7	6.8	6.8	6.8	6.8	6.8	6.7	6.6	6.5	6.4	6.2
-55°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
-57.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	5.9	5.8	5.7	5.6
-60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-65°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-67.5°	5.2	5.3	5.3	5.3	5.3	5.3	5.2	5.2	5.1	5.0	4.9
-70°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4	4.4	4.3	4.2
-72.5°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
-75°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.6	3.6
-77.5°	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.7	2.6
-80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-82.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.4
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
82.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
77.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.6	1.5	1.5	1.5	1.5
75°	3.5	3.4	3.3	3.2	3.1	3.0	2.8	2.6	2.4	2.1	1.8
72.5°	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.4	3.3	3.1	2.9
70°	4.1	4.1	4.0	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.5
67.5°	4.8	4.7	4.6	4.5	4.3	4.2	4.0	3.8	3.8	3.8	3.8
65°	5.3	5.3	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8
62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.7	4.5	4.2
60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0	4.7
57.5°	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2
55°	6.1	5.9	5.7	5.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3
52.5°	6.1	6.1	6.1	6.1	5.9	5.6	5.3	5.3	5.3	5.3	5.3
50°	6.7	6.5	6.3	6.1	6.1	6.1	5.9	5.5	5.3	5.3	5.3
47.5°	7.4	7.2	6.9	6.6	6.3	6.1	6.1	6.1	5.7	5.3	5.3
45°	9.0	8.3	7.6	7.2	6.9	6.6	6.2	6.1	6.1	5.8	5.3
42.5°	11.0	10.2	9.3	8.3	7.5	7.1	6.7	6.3	6.1	6.1	5.8
40°	13.4	12.2	11.2	10.1	9.0	7.8	7.2	6.8	6.4	6.1	6.1
37.5°	16.4	14.7	13.3	11.8	10.6	9.4	8.1	7.3	6.8	6.3	6.1
35°	21.0	18.2	15.9	14.0	12.3	10.9	9.5	8.1	7.2	6.7	6.2
32.5°	29.2	24.4	19.4	16.8	14.4	12.5	10.9	9.4	7.8	7.1	6.6
30°	48.0	35.5	26.4	20.4	17.1	14.4	12.3	10.6	9.0	7.5	6.9
27.5°	66.3	53.3	38.9	27.1	20.4	16.8	14.0	11.8	10.1	8.3	7.2
25°	85.7	69.9	55.0	38.9	26.4	19.4	15.9	13.3	11.2	9.3	7.6
22.5°	107.1	88.1	69.9	53.3	35.5	24.4	18.2	14.7	12.2	10.2	8.3
20°	132.8	107.1	85.7	66.3	48.0	29.2	21.0	16.4	13.4	11.0	9.0
17.5°	161.8	129.2	101.7	78.8	59.2	39.4	25.1	18.2	14.4	11.8	9.7
15°	195.1	152.5	118.9	92.1	69.1	48.8	28.7	19.8	15.5	12.6	10.3
12.5°	231.5	177.4	136.4	103.7	78.2	56.9	35.2	22.7	16.8	13.3	10.9
10°	265.3	203.0	152.9	115.7	87.2	63.5	41.5	25.1	17.8	14.0	11.3
7.5°	300.9	226.0	167.6	126.1	94.4	68.8	46.5	27.0	18.6	14.5	11.7
5°	327.4	242.9	179.9	134.0	99.6	72.6	50.1	28.4	19.2	14.8	11.9
2.5°	343.7	253.3	187.5	139.2	102.7	74.9	52.3	29.2	19.6	15.0	12.0
0°	349.2	256.8	190.1	140.9	103.8	75.7	53.0	29.5	19.7	15.1	12.1
-2.5°	343.7	253.3	187.5	139.2	102.7	74.9	52.3	29.2	19.6	15.0	12.0
-5°	327.4	242.9	179.9	134.0	99.6	72.6	50.1	28.4	19.2	14.8	11.9
-7.5°	300.9	226.0	167.6	126.1	94.4	68.8	46.5	27.0	18.6	14.5	11.7
-10°	265.3	203.0	152.9	115.7	87.2	63.5	41.5	25.1	17.8	14.0	11.3
-12.5°	231.5	177.4	136.4	103.7	78.2	56.9	35.2	22.7	16.8	13.3	10.9
-15°	195.1	152.5	118.9	92.1	69.1	48.8	28.7	19.8	15.5	12.6	10.3
-17.5°	161.8	129.2	101.7	78.8	59.2	39.4	25.1	18.2	14.4	11.8	9.7
-20°	132.8	107.1	85.7	66.3	48.0	29.2	21.0	16.4	13.4	11.0	9.0



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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°	107.1	88.1	69.9	53.3	35.5	24.4	18.2	14.7	12.2	10.2	8.3
-25°	85.7	69.9	55.0	38.9	26.4	19.4	15.9	13.3	11.2	9.3	7.6
-27.5°	66.3	53.3	38.9	27.1	20.4	16.8	14.0	11.8	10.1	8.3	7.2
-30°	48.0	35.5	26.4	20.4	17.1	14.4	12.3	10.6	9.0	7.5	6.9
-32.5°	29.2	24.4	19.4	16.8	14.4	12.5	10.9	9.4	7.8	7.1	6.6
-35°	21.0	18.2	15.9	14.0	12.3	10.9	9.5	8.1	7.2	6.7	6.2
-37.5°	16.4	14.7	13.3	11.8	10.6	9.4	8.1	7.3	6.8	6.3	6.1
-40°	13.4	12.2	11.2	10.1	9.0	7.8	7.2	6.8	6.4	6.1	6.1
-42.5°	11.0	10.2	9.3	8.3	7.5	7.1	6.7	6.3	6.1	6.1	5.8
-45°	9.0	8.3	7.6	7.2	6.9	6.6	6.2	6.1	6.1	5.8	5.3
-47.5°	7.4	7.2	6.9	6.6	6.3	6.1	6.1	6.1	5.7	5.3	5.3
-50°	6.7	6.5	6.3	6.1	6.1	6.1	5.9	5.5	5.3	5.3	5.3
-52.5°	6.1	6.1	6.1	6.1	5.9	5.6	5.3	5.3	5.3	5.3	5.3
-55°	6.1	5.9	5.7	5.5	5.3	5.3	5.3	5.3	5.3	5.3	5.3
-57.5°	5.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.2
-60°	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.0	4.7
-62.5°	5.3	5.3	5.3	5.3	5.3	5.3	5.2	5.0	4.7	4.5	4.2
-65°	5.3	5.3	5.3	5.1	5.0	4.8	4.6	4.4	4.2	4.0	3.8
-67.5°	4.8	4.7	4.6	4.5	4.3	4.2	4.0	3.8	3.8	3.8	3.8
-70°	4.1	4.1	4.0	3.8	3.8	3.8	3.8	3.8	3.8	3.7	3.5
-72.5°	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.4	3.3	3.1	2.9
-75°	3.5	3.4	3.3	3.2	3.1	3.0	2.8	2.6	2.4	2.1	1.8
-77.5°	2.5	2.4	2.3	2.1	2.0	1.8	1.6	1.5	1.5	1.5	1.5
-80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4
-82.5°	1.4	1.3	1.3	1.3	1.2	1.2	1.1	1.1	1.0	0.9	0.9
-85°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.5
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
80°	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8
77.5°	1.5	1.5	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.8
75°	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.2	1.0	0.8	0.8
72.5°	2.5	2.2	1.8	1.5	1.5	1.5	1.5	1.4	1.3	1.1	0.9
70°	3.3	3.1	2.7	2.3	1.9	1.5	1.5	1.5	1.5	1.3	1.1
67.5°	3.8	3.6	3.3	3.1	2.6	2.1	1.6	1.5	1.5	1.5	1.3
65°	3.8	3.8	3.8	3.5	3.2	2.8	2.3	1.7	1.5	1.5	1.4
62.5°	4.0	3.8	3.8	3.8	3.6	3.3	2.9	2.3	1.6	1.5	1.5
60°	4.4	4.1	3.9	3.8	3.8	3.6	3.3	2.8	2.1	1.5	1.5
57.5°	4.9	4.6	4.2	3.9	3.8	3.8	3.6	3.2	2.6	1.9	1.5
55°	5.3	5.0	4.6	4.3	3.9	3.8	3.8	3.5	3.1	2.3	1.5
52.5°	5.3	5.3	5.1	4.6	4.2	3.9	3.8	3.8	3.3	2.7	1.8
50°	5.3	5.3	5.3	5.0	4.6	4.1	3.8	3.8	3.6	3.1	2.2
47.5°	5.3	5.3	5.3	5.3	4.9	4.4	4.0	3.8	3.8	3.3	2.5
45°	5.3	5.3	5.3	5.3	5.2	4.7	4.2	3.8	3.8	3.5	2.9
42.5°	5.3	5.3	5.3	5.3	5.3	5.0	4.5	4.0	3.8	3.7	3.1
40°	5.7	5.3	5.3	5.3	5.3	5.3	4.7	4.2	3.8	3.8	3.3
37.5°	6.1	5.5	5.3	5.3	5.3	5.3	5.0	4.4	3.8	3.8	3.4
35°	6.1	5.9	5.3	5.3	5.3	5.3	5.2	4.6	4.0	3.8	3.6
32.5°	6.1	6.1	5.6	5.3	5.3	5.3	5.3	4.8	4.2	3.8	3.7
30°	6.3	6.1	5.9	5.3	5.3	5.3	5.3	5.0	4.3	3.8	3.8
27.5°	6.6	6.1	6.1	5.5	5.3	5.3	5.3	5.1	4.5	3.8	3.8
25°	6.9	6.3	6.1	5.7	5.3	5.3	5.3	5.3	4.6	4.0	3.8
22.5°	7.2	6.5	6.1	5.9	5.3	5.3	5.3	5.3	4.7	4.1	3.8
20°	7.4	6.7	6.1	6.1	5.4	5.3	5.3	5.3	4.8	4.1	3.8
17.5°	7.7	6.9	6.2	6.1	5.6	5.3	5.3	5.3	4.9	4.2	3.8
15°	8.2	7.1	6.4	6.1	5.7	5.3	5.3	5.3	5.0	4.3	3.8
12.5°	8.7	7.2	6.5	6.1	5.8	5.3	5.3	5.3	5.1	4.4	3.8
10°	9.1	7.4	6.6	6.1	5.9	5.3	5.3	5.3	5.2	4.4	3.8
7.5°	9.4	7.5	6.7	6.1	6.0	5.3	5.3	5.3	5.2	4.5	3.8
5°	9.6	7.5	6.8	6.1	6.1	5.3	5.3	5.3	5.3	4.5	3.8
2.5°	9.8	7.6	6.8	6.1	6.1	5.3	5.3	5.3	5.3	4.5	3.8
0°	9.8	7.6	6.8	6.1	6.1	5.3	5.3	5.3	5.3	4.5	3.8
-2.5°	9.8	7.6	6.8	6.1	6.1	5.3	5.3	5.3	5.3	4.5	3.8
-5°	9.6	7.5	6.8	6.1	6.1	5.3	5.3	5.3	5.3	4.5	3.8
-7.5°	9.4	7.5	6.7	6.1	6.0	5.3	5.3	5.3	5.2	4.5	3.8
-10°	9.1	7.4	6.6	6.1	5.9	5.3	5.3	5.3	5.2	4.4	3.8
-12.5°	8.7	7.2	6.5	6.1	5.8	5.3	5.3	5.3	5.1	4.4	3.8
-15°	8.2	7.1	6.4	6.1	5.7	5.3	5.3	5.3	5.0	4.3	3.8
-17.5°	7.7	6.9	6.2	6.1	5.6	5.3	5.3	5.3	4.9	4.2	3.8
-20°	7.4	6.7	6.1	6.1	5.4	5.3	5.3	5.3	4.8	4.1	3.8



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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°	7.2	6.5	6.1	5.9	5.3	5.3	5.3	5.3	4.7	4.1	3.8
-25°	6.9	6.3	6.1	5.7	5.3	5.3	5.3	5.3	4.6	4.0	3.8
-27.5°	6.6	6.1	6.1	5.5	5.3	5.3	5.3	5.1	4.5	3.8	3.8
-30°	6.3	6.1	5.9	5.3	5.3	5.3	5.3	5.0	4.3	3.8	3.8
-32.5°	6.1	6.1	5.6	5.3	5.3	5.3	5.3	4.8	4.2	3.8	3.7
-35°	6.1	5.9	5.3	5.3	5.3	5.3	5.2	4.6	4.0	3.8	3.6
-37.5°	6.1	5.5	5.3	5.3	5.3	5.3	5.0	4.4	3.8	3.8	3.4
-40°	5.7	5.3	5.3	5.3	5.3	5.3	4.7	4.2	3.8	3.8	3.3
-42.5°	5.3	5.3	5.3	5.3	5.3	5.0	4.5	4.0	3.8	3.7	3.1
-45°	5.3	5.3	5.3	5.3	5.2	4.7	4.2	3.8	3.8	3.5	2.9
-47.5°	5.3	5.3	5.3	5.3	4.9	4.4	4.0	3.8	3.8	3.3	2.5
-50°	5.3	5.3	5.3	5.0	4.6	4.1	3.8	3.8	3.6	3.1	2.2
-52.5°	5.3	5.3	5.1	4.6	4.2	3.9	3.8	3.8	3.3	2.7	1.8
-55°	5.3	5.0	4.6	4.3	3.9	3.8	3.8	3.5	3.1	2.3	1.5
-57.5°	4.9	4.6	4.2	3.9	3.8	3.8	3.6	3.2	2.6	1.9	1.5
-60°	4.4	4.1	3.9	3.8	3.8	3.6	3.3	2.8	2.1	1.5	1.5
-62.5°	4.0	3.8	3.8	3.8	3.6	3.3	2.9	2.3	1.6	1.5	1.5
-65°	3.8	3.8	3.8	3.5	3.2	2.8	2.3	1.7	1.5	1.5	1.4
-67.5°	3.8	3.6	3.3	3.1	2.6	2.1	1.6	1.5	1.5	1.5	1.3
-70°	3.3	3.1	2.7	2.3	1.9	1.5	1.5	1.5	1.5	1.3	1.1
-72.5°	2.5	2.2	1.8	1.5	1.5	1.5	1.5	1.4	1.3	1.1	0.9
-75°	1.5	1.5	1.5	1.5	1.5	1.5	1.3	1.2	1.0	0.8	0.8
-77.5°	1.5	1.5	1.5	1.4	1.3	1.1	1.0	0.9	0.8	0.8	0.8
-80°	1.3	1.2	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8
-82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
-85°	0.8	0.8	0.8	0.8	0.8	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°	0.8	0.8	0.7	0.5	0.3	0.2	0.0
75°	0.8	0.8	0.8	0.6	0.4	0.2	0.0
72.5°	0.8	0.8	0.8	0.7	0.5	0.2	0.0
70°	0.8	0.8	0.8	0.8	0.5	0.3	0.0
67.5°	1.0	0.8	0.8	0.8	0.6	0.3	0.0
65°	1.2	0.9	0.8	0.8	0.7	0.3	0.0
62.5°	1.3	1.0	0.8	0.8	0.7	0.4	0.0
60°	1.5	1.1	0.8	0.8	0.8	0.4	0.0
57.5°	1.5	1.3	0.9	0.8	0.8	0.4	0.0
55°	1.5	1.4	1.0	0.8	0.8	0.5	0.0
52.5°	1.5	1.5	1.1	0.8	0.8	0.5	0.0
50°	1.5	1.5	1.2	0.8	0.8	0.5	0.0
47.5°	1.5	1.5	1.3	0.8	0.8	0.5	0.0
45°	1.8	1.5	1.4	0.9	0.8	0.6	0.0
42.5°	2.1	1.5	1.5	0.9	0.8	0.6	0.0
40°	2.4	1.5	1.5	1.0	0.8	0.6	0.0
37.5°	2.6	1.5	1.5	1.1	0.8	0.6	0.0
35°	2.8	1.6	1.5	1.1	0.8	0.7	0.0
32.5°	3.0	1.8	1.5	1.2	0.8	0.7	0.0
30°	3.1	2.0	1.5	1.2	0.8	0.7	0.0
27.5°	3.2	2.1	1.5	1.3	0.8	0.7	0.0
25°	3.3	2.3	1.5	1.3	0.8	0.7	0.0
22.5°	3.4	2.4	1.5	1.3	0.8	0.7	0.0
20°	3.5	2.5	1.5	1.4	0.8	0.8	0.0
17.5°	3.6	2.6	1.5	1.4	0.8	0.8	0.0
15°	3.6	2.7	1.5	1.4	0.8	0.8	0.0
12.5°	3.7	2.8	1.5	1.4	0.8	0.8	0.0
10°	3.7	2.9	1.5	1.5	0.8	0.8	0.0
7.5°	3.8	2.9	1.5	1.5	0.8	0.8	0.0
5°	3.8	3.0	1.5	1.5	0.8	0.8	0.0
2.5°	3.8	3.0	1.5	1.5	0.8	0.8	0.0
0°	3.8	3.0	1.5	1.5	0.8	0.8	0.0
-2.5°	3.8	3.0	1.5	1.5	0.8	0.8	0.0
-5°	3.8	3.0	1.5	1.5	0.8	0.8	0.0
-7.5°	3.8	2.9	1.5	1.5	0.8	0.8	0.0
-10°	3.7	2.9	1.5	1.5	0.8	0.8	0.0
-12.5°	3.7	2.8	1.5	1.4	0.8	0.8	0.0
-15°	3.6	2.7	1.5	1.4	0.8	0.8	0.0
-17.5°	3.6	2.6	1.5	1.4	0.8	0.8	0.0
-20°	3.5	2.5	1.5	1.4	0.8	0.8	0.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	3.4	2.4	1.5	1.3	0.8	0.7	0.0
-25°	3.3	2.3	1.5	1.3	0.8	0.7	0.0
-27.5°	3.2	2.1	1.5	1.3	0.8	0.7	0.0
-30°	3.1	2.0	1.5	1.2	0.8	0.7	0.0
-32.5°	3.0	1.8	1.5	1.2	0.8	0.7	0.0
-35°	2.8	1.6	1.5	1.1	0.8	0.7	0.0
-37.5°	2.6	1.5	1.5	1.1	0.8	0.6	0.0
-40°	2.4	1.5	1.5	1.0	0.8	0.6	0.0
-42.5°	2.1	1.5	1.5	0.9	0.8	0.6	0.0
-45°	1.8	1.5	1.4	0.9	0.8	0.6	0.0
-47.5°	1.5	1.5	1.3	0.8	0.8	0.5	0.0
-50°	1.5	1.5	1.2	0.8	0.8	0.5	0.0
-52.5°	1.5	1.5	1.1	0.8	0.8	0.5	0.0
-55°	1.5	1.4	1.0	0.8	0.8	0.5	0.0
-57.5°	1.5	1.3	0.9	0.8	0.8	0.4	0.0
-60°	1.5	1.1	0.8	0.8	0.8	0.4	0.0
-62.5°	1.3	1.0	0.8	0.8	0.7	0.4	0.0
-65°	1.2	0.9	0.8	0.8	0.7	0.3	0.0
-67.5°	1.0	0.8	0.8	0.8	0.6	0.3	0.0
-70°	0.8	0.8	0.8	0.8	0.5	0.3	0.0
-72.5°	0.8	0.8	0.8	0.7	0.5	0.2	0.0
-75°	0.8	0.8	0.8	0.6	0.4	0.2	0.0
-77.5°	0.8	0.8	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)