

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: EPHESUS

Report Number: P1306281 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-40-70-2S-CV1-A**

Issue Date: 2/3/2026

**Test Information**

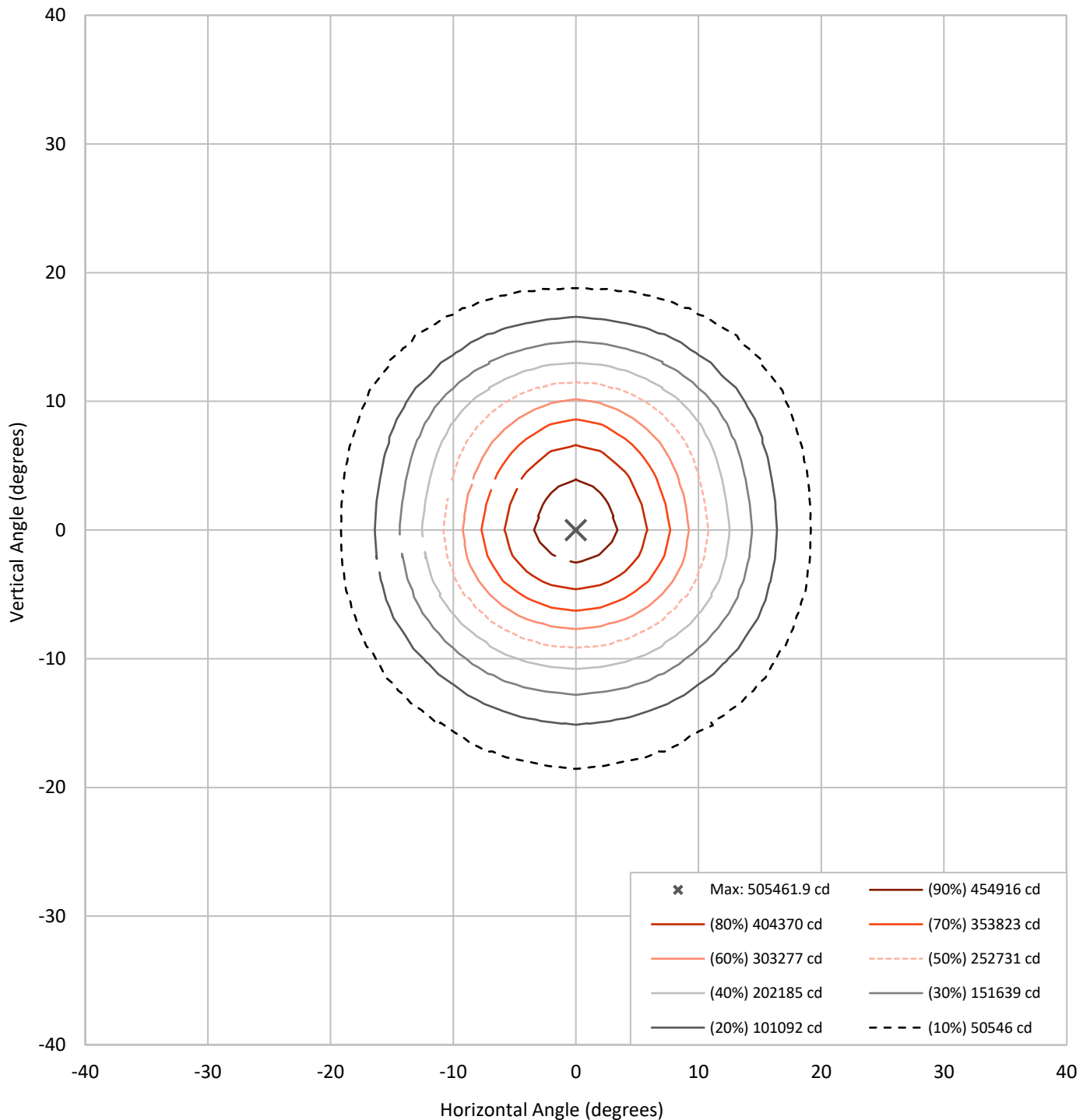
Test Method: LM-79-08  
Report Number: P1306281 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-13)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-40-70-2S-CV1-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 1 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	81733.6 lumens	Max Intensity:	505461.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	115.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.6°H x 20.7°V	Field Angle (10%):	38.3°H x 37.3°V
Beam Lumens:	37953.4 lumens	Field Lumens:	69095.8 lumens
Beam Efficiency:	46.4%	Field Efficiency:	84.5%
Input Watts (W):	711		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





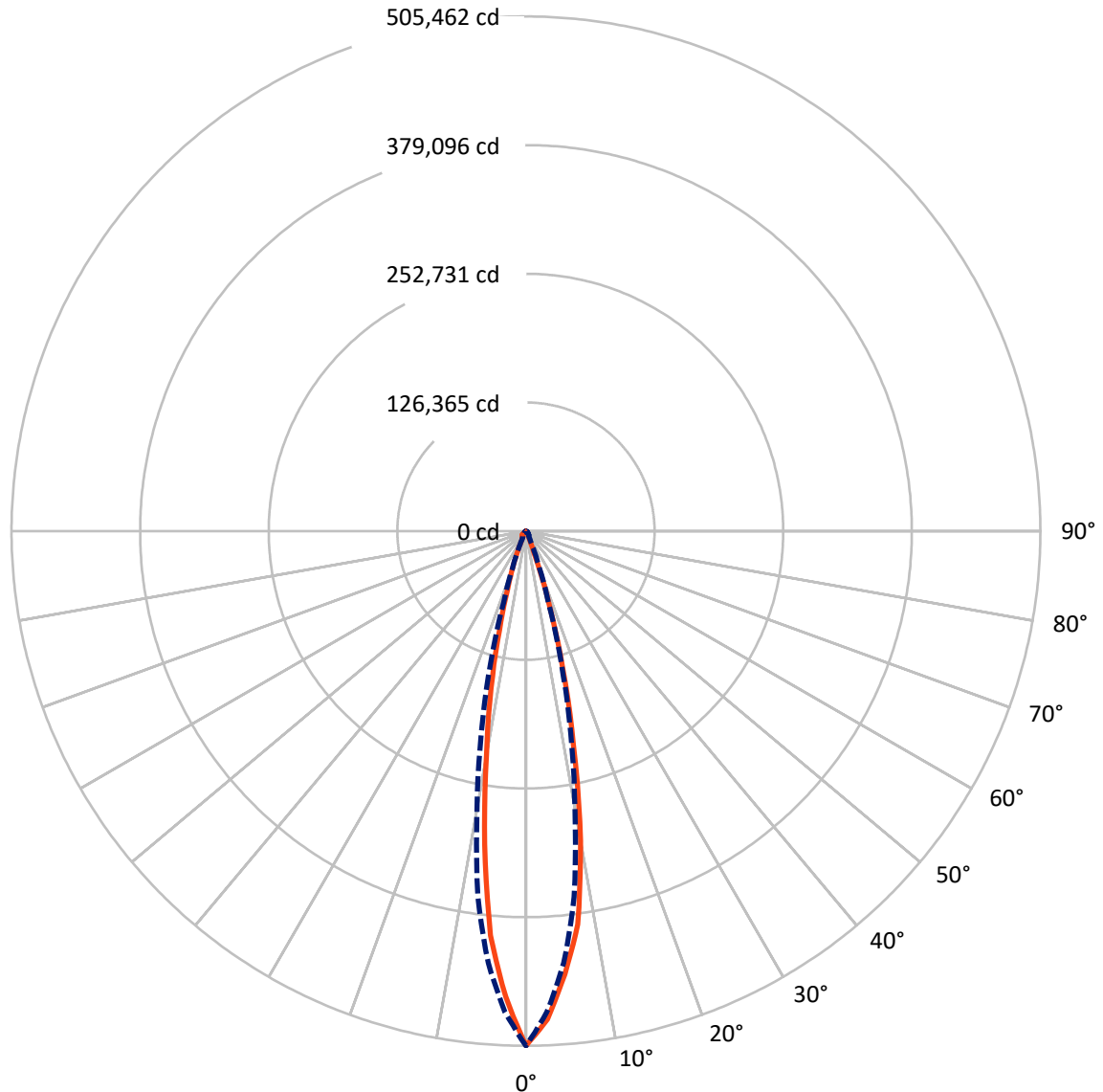
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### Lumen Table

90	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.1								
80	0.1	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.3	0.1								
70	0.1	0.1	0.2	0.7	0.8	0.4	0.3	0.2	0.2	0.3	0.4	0.8	0.7	0.2	0.1	0.1			
60		0.1	0.4	0.7	0.5	0.3	0.2	0.3	0.3	0.2	0.3	0.5	0.7	0.4	0.1				
50	0.2	0.2	0.5	0.5	0.6	1.1	1.9	1.2	1.2	1.9	1.1	0.6	0.5	0.5	0.2	0.2			
40		0.3	1.1	2.9	5.4	7.9	10.9	13.1	13.1	10.9	7.9	5.4	2.9	1.1	0.3				
30	0.3	0.6	5.2	16.5	39.1	59.4	102.7	194.7	194.7	102.7	59.4	39.1	16.5	5.2	0.6	0.3			
20		1.5	11.0	43.7	100.1	187.2	1222.8	3789.3	3789.3	1222.8	187.2	100.1	43.7	11.0	1.5				
10	0.4	2.4	14.2	58.7	118.9	375.1	3594.1	10771.7	10771.7	3594.1	375.1	118.9	58.7	14.2	2.4	0.4			
0		3.0	15.2	58.8	118.7	357.5	3380.3	9796.7	9796.7	3380.3	357.5	118.7	58.8	15.2	3.0				
-10	0.6	3.5	14.6	47.0	100.3	173.9	994.4	2879.4	2879.4	994.4	173.9	100.3	47.0	14.6	3.5	0.6			
-20		3.6	13.7	33.4	89.9	134.2	203.9	394.2	394.2	203.9	134.2	89.9	33.4	13.7	3.6				
-30	0.6	3.1	11.8	25.1	62.7	130.3	169.3	189.2	189.2	169.3	130.3	62.7	25.1	11.8	3.1	0.6			
-40		2.2	8.8	20.6	37.1	62.8	107.4	143.1	143.1	107.4	62.8	37.1	20.6	8.8	2.2				
-50	0.4	1.1	5.3	13.6	26.4	40.0	52.1	58.9	58.9	52.1	40.0	26.4	13.6	5.3	1.1	0.4			
-60		0.5	1.8	5.6	11.6	18.6	25.6	29.7	29.7	25.6	18.6	11.6	5.6	1.8	0.5				
-70	0.2	1.3	3.9	9.2	12.3	9.2	3.9	1.3	0.2						0.2				
-80		1.3	3.9	9.2	12.3	9.2	3.9	1.3	0.2										
-90	0.2	1.3	3.9	9.2	12.3	9.2	3.9	1.3	0.2						0.2				
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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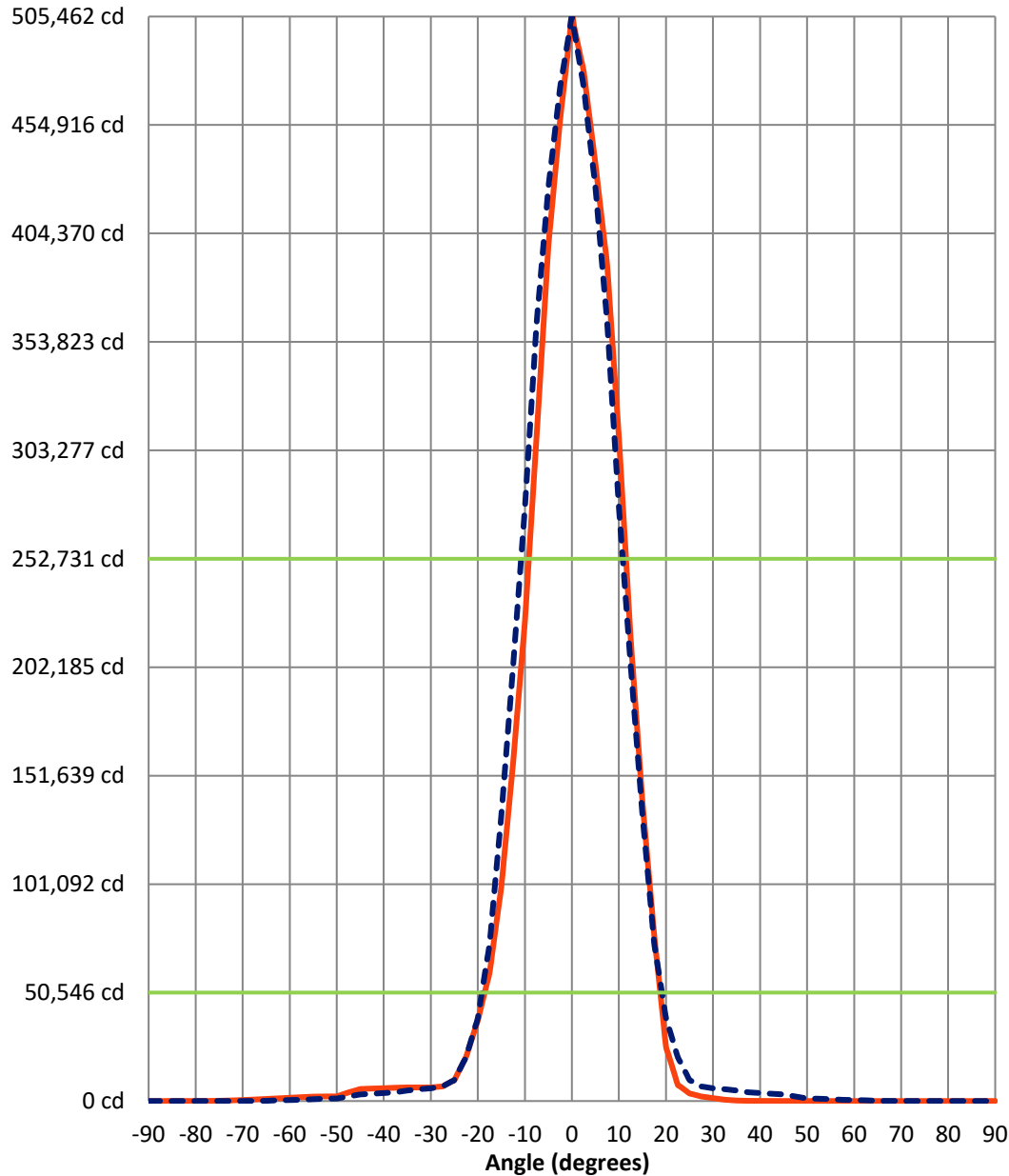
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 21.6°  
V Angle: 20.7°  
Lumens: 37953.4  
Efficiency: 46.4%

**Field:**  
H Angle: 38.3°  
V Angle: 37.3°  
Lumens: 69095.8  
Efficiency: 84.5%

**Spill:**  
Lumens: 12637.8  
Efficiency: 15.5%

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



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	6.0	7.0	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0
87.5°	6.0	6.0	6.0	5.6	5.2	4.8	4.5	4.5	4.3	4.2	4.0
85°	6.0	6.1	6.0	5.6	5.4	5.2	5.0	4.9	4.7	4.4	4.0
82.5°	6.0	6.1	6.0	5.7	5.5	5.5	5.6	5.4	5.1	4.7	4.6
80°	6.0	6.2	6.0	5.8	5.7	5.8	6.0	5.6	5.4	5.3	5.4
77.5°	6.0	6.2	6.0	5.8	5.9	6.0	6.0	5.8	5.7	5.9	6.0
75°	6.0	6.3	6.0	5.9	6.0	6.2	6.1	5.9	6.0	6.0	6.0
72.5°	6.0	6.3	6.1	6.0	6.2	6.3	6.1	6.0	6.0	6.0	6.0
70°	6.0	6.4	6.1	6.0	6.4	6.5	6.2	6.0	6.0	6.0	6.1
67.5°	6.0	6.4	6.1	6.2	6.6	6.6	6.2	6.0	6.0	6.3	6.2
65°	6.0	6.5	6.2	6.4	6.8	6.7	6.3	6.0	6.4	6.6	6.4
62.5°	6.0	6.5	6.2	6.6	7.0	6.8	6.3	6.4	6.9	7.0	6.5
60°	6.0	6.6	6.3	6.8	7.3	6.8	6.4	6.9	7.4	7.1	6.6
57.5°	6.0	6.6	6.4	7.1	7.3	6.9	6.8	7.5	7.6	7.1	7.2
55°	6.0	6.7	6.6	7.3	7.4	6.9	7.4	8.0	7.7	7.4	8.0
52.5°	6.0	6.7	6.8	7.5	7.4	7.1	7.9	8.2	7.8	8.1	8.9
50°	6.0	6.8	6.9	7.7	7.5	7.5	8.3	8.3	8.0	8.9	10.9
47.5°	6.0	6.9	7.0	7.9	7.5	7.9	8.8	8.4	8.7	9.6	12.8
45°	6.0	6.9	7.2	7.9	7.6	8.3	8.9	8.5	9.4	11.0	14.4
42.5°	6.0	7.0	7.3	8.0	7.6	8.6	8.9	8.9	10.1	12.2	16.6
40°	6.0	7.0	7.4	8.0	7.8	9.0	9.0	9.6	11.0	13.3	18.8
37.5°	6.0	7.1	7.5	8.1	8.1	9.4	9.1	10.3	12.2	14.9	20.9
35°	6.0	7.2	7.6	8.1	8.4	9.6	9.3	11.0	13.3	17.3	22.6
32.5°	6.0	7.2	7.7	8.2	8.7	9.6	9.5	11.8	14.4	19.8	25.1
30°	6.0	7.3	7.7	8.3	8.9	9.7	10.1	12.6	15.4	22.2	27.7
27.5°	6.0	7.4	7.8	8.4	9.2	9.8	10.7	13.4	16.8	24.7	30.5
25°	6.0	7.4	7.8	8.5	9.4	9.9	11.3	14.3	18.8	27.1	33.6
22.5°	6.0	7.5	7.9	8.7	9.5	10.0	11.9	15.1	20.8	29.5	39.0
20°	6.0	7.6	7.9	8.8	9.7	10.2	12.4	15.8	22.7	31.9	45.2
17.5°	6.0	7.6	7.9	8.9	9.8	10.4	13.0	16.5	24.6	34.4	51.9
15°	6.0	7.7	8.0	9.1	9.9	10.6	13.6	17.2	26.3	36.8	59.0
12.5°	6.0	7.7	8.0	9.3	9.9	10.8	14.1	17.8	27.8	39.1	66.3
10°	6.0	7.8	8.0	9.4	10.0	11.0	14.6	18.3	29.0	42.1	73.8
7.5°	6.0	7.9	8.0	9.6	10.0	11.3	15.0	18.8	30.1	45.3	81.2
5°	6.0	7.9	8.0	9.7	10.0	11.5	15.4	19.3	30.9	48.4	88.2
2.5°	6.0	8.0	8.0	9.9	10.0	11.8	15.7	19.7	31.5	51.3	94.5
0°	6.0	8.0	8.0	10.0	10.0	12.0	16.0	20.0	32.0	54.0	100.1
-2.5°	6.0	8.0	8.1	10.1	10.4	12.7	17.6	24.7	41.7	71.2	124.8
-5°	6.0	8.1	8.2	10.2	10.7	13.3	19.1	29.2	51.0	87.5	148.1
-7.5°	6.0	8.1	8.3	10.3	11.0	13.9	20.5	33.4	59.6	102.8	169.7
-10°	6.0	8.1	8.3	10.4	11.4	14.4	21.7	37.1	67.4	116.5	189.1
-12.5°	6.0	8.2	8.4	10.5	11.7	14.9	22.8	40.3	74.1	128.3	205.7
-15°	6.0	8.2	8.5	10.6	11.9	15.4	23.7	42.9	80.6	138.4	219.1
-17.5°	6.0	8.2	8.6	10.6	12.2	15.7	24.4	45.9	87.1	146.8	229.3
-20°	6.0	8.2	8.7	10.7	12.4	16.1	25.1	48.8	91.9	153.3	235.9



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 CATALOG NUMBER: EPH-08-680N-40-70-2S-CV1-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.0	8.2	8.8	10.7	12.6	16.3	26.1	50.5	95.0	158.0	238.7
-25°	6.0	8.2	8.8	10.7	12.8	16.6	26.5	51.0	96.2	160.7	237.4
-27.5°	6.0	8.2	8.9	10.7	12.9	16.8	26.3	50.1	95.4	161.5	239.2
-30°	6.0	8.2	9.0	10.7	13.0	16.9	25.5	47.8	93.9	160.4	238.7
-32.5°	6.0	8.2	9.1	10.7	13.1	16.8	24.0	46.3	91.2	156.4	235.5
-35°	6.0	8.2	9.1	10.6	13.2	16.7	23.3	44.6	86.4	149.5	229.6
-37.5°	6.0	8.2	9.2	10.6	13.3	16.6	23.1	41.8	79.4	139.6	215.4
-40°	6.0	8.2	9.3	10.5	13.3	16.6	22.7	38.0	70.2	129.0	197.9
-42.5°	6.0	8.2	9.4	10.5	13.3	16.6	22.1	33.1	62.9	114.4	177.5
-45°	6.0	8.1	9.4	10.4	13.3	16.6	21.4	29.3	56.1	97.5	154.9
-47.5°	6.0	8.1	9.5	10.4	13.2	16.5	20.4	28.2	47.8	79.0	133.7
-50°	6.0	8.1	9.5	10.4	13.0	16.3	20.0	26.8	38.0	67.6	110.4
-52.5°	6.0	8.0	9.6	10.5	12.9	16.1	19.7	25.1	33.3	55.2	86.1
-55°	6.0	8.0	9.6	10.6	12.7	15.8	19.3	23.4	30.9	41.7	70.7
-57.5°	6.0	7.9	9.7	10.6	12.5	15.4	18.9	22.8	28.2	36.1	54.0
-60°	6.0	7.9	9.7	10.6	12.2	15.1	18.4	22.0	25.7	32.7	40.8
-62.5°	6.0	7.8	9.6	10.6	12.1	14.6	17.8	21.2	24.6	29.0	36.5
-65°	6.0	7.8	9.5	10.6	11.9	14.1	17.1	20.2	23.5	27.0	31.8
-67.5°	6.0	7.7	9.4	10.5	11.7	13.7	16.4	19.2	22.2	25.5	29.1
-70°	6.0	7.6	9.2	10.4	11.5	13.2	15.6	18.2	20.8	23.8	27.1
-72.5°	6.0	7.6	9.1	10.2	11.3	12.8	14.8	17.0	19.4	22.0	24.9
-75°	6.0	7.5	9.0	10.0	11.0	12.2	13.9	15.9	17.9	20.2	22.7
-77.5°	6.0	7.4	8.8	9.8	10.7	11.7	13.0	14.8	16.6	18.4	20.4
-80°	6.0	7.3	8.7	9.5	10.4	11.2	12.1	13.7	15.3	17.0	18.6
-82.5°	6.0	7.3	8.5	9.3	10.0	10.8	11.5	12.7	14.0	15.5	17.0
-85°	6.0	7.2	8.3	9.0	9.7	10.4	11.0	12.0	13.0	14.1	15.3
-87.5°	6.0	7.1	8.2	8.8	9.3	9.9	10.5	11.2	12.0	12.8	13.7
-90°	6.0	6.0	6.0	5.5	5.0	4.5	4.0	4.0	4.0	4.0	4.0



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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°	12.0	12.0	12.0	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5
87.5°	3.7	3.5	3.3	3.1	2.9	2.6	2.3	2.0	2.0	2.0	2.0
85°	4.0	4.0	4.0	4.0	3.5	3.0	2.5	2.0	2.0	2.0	2.0
82.5°	4.6	4.5	4.3	4.0	3.5	3.0	2.6	2.3	2.3	2.3	2.2
80°	5.3	5.1	4.6	4.1	3.8	3.6	3.6	3.7	3.5	3.2	2.9
77.5°	5.6	5.1	4.6	4.1	4.1	4.4	4.7	5.0	5.0	4.8	4.5
75°	5.7	5.2	4.9	4.9	5.3	5.7	6.0	6.0	5.8	5.7	5.7
72.5°	5.8	5.6	5.6	6.0	6.0	6.0	6.0	6.0	7.6	9.9	11.4
70°	5.9	6.0	6.0	6.0	6.0	6.6	9.3	13.3	17.4	19.6	21.6
67.5°	6.0	6.0	6.0	6.3	7.7	10.7	15.2	23.8	33.0	35.3	35.0
65°	6.0	6.0	6.7	8.1	9.8	17.2	26.6	37.4	45.5	44.2	41.3
62.5°	6.0	6.8	8.2	11.1	17.0	25.9	34.4	42.1	49.8	48.5	41.8
60°	6.8	7.8	11.2	17.1	23.6	30.0	38.0	43.1	48.1	49.3	37.7
57.5°	7.8	10.2	15.7	21.9	27.4	32.1	35.1	39.6	41.3	40.1	29.4
55°	9.4	13.5	19.5	25.3	29.3	28.1	30.0	31.3	30.8	28.4	20.9
52.5°	12.2	16.6	22.5	27.4	27.9	25.3	23.6	23.9	22.0	18.8	16.2
50°	14.7	19.8	25.2	28.0	26.7	22.7	18.9	18.3	17.0	15.4	14.0
47.5°	17.4	22.8	27.1	28.5	24.7	21.2	17.5	16.2	15.4	15.8	14.9
45°	20.0	25.1	29.4	27.0	23.6	20.7	19.3	15.9	18.0	19.2	19.9
42.5°	22.6	27.2	29.0	25.8	23.9	23.9	23.5	22.8	23.9	28.8	31.7
40°	24.4	29.1	28.9	28.3	26.2	30.1	33.8	36.7	37.0	43.5	48.6
37.5°	26.1	29.8	31.5	35.5	33.7	40.8	47.1	72.1	73.2	60.5	82.0
35°	27.7	31.4	41.5	52.8	57.3	55.8	91.0	124.0	132.1	118.8	141.0
32.5°	29.3	33.6	55.0	81.5	105.7	107.3	147.8	200.2	227.7	237.1	249.3
30°	32.5	46.2	75.8	117.8	175.8	223.2	242.5	298.9	349.7	451.6	522.7
27.5°	38.2	62.6	110.6	182.5	271.5	361.1	391.8	431.1	564.3	744.7	923.0
25°	45.3	97.1	150.3	268.3	404.3	503.8	542.9	595.7	847.4	1195.9	1400.9
22.5°	63.4	141.6	210.2	367.0	551.5	642.7	693.8	883.5	1268.6	1731.4	1939.1
20°	96.0	194.5	283.2	449.5	699.4	780.7	838.0	1232.6	1793.1	2232.8	2558.5
17.5°	133.5	247.6	355.8	536.5	763.5	885.7	1005.5	1617.9	2342.8	2729.4	3113.0
15°	174.9	300.4	418.6	613.9	821.4	948.7	1263.1	2054.0	2839.7	3216.9	3599.6
12.5°	218.7	352.5	472.6	681.8	878.6	1007.4	1497.2	2365.0	3105.3	3601.4	4060.6
10°	263.4	403.2	518.7	740.5	934.1	1061.8	1716.1	2629.2	3246.0	3687.4	4207.6
7.5°	293.7	436.4	554.5	790.2	986.7	1111.7	1914.5	2847.2	3341.5	3730.5	4192.8
5°	317.5	448.9	568.3	825.5	1030.1	1151.2	2070.8	3019.5	3399.6	3737.2	4115.3
2.5°	336.6	457.3	579.0	853.0	1064.7	1176.4	2122.6	3072.5	3411.1	3736.9	4078.1
0°	350.3	462.3	586.4	872.6	1092.8	1196.9	2133.6	3084.2	3402.5	3728.7	4093.0
-2.5°	362.7	476.5	609.4	889.4	1094.0	1199.2	2123.1	3070.6	3440.9	3819.0	4254.1
-5°	370.3	487.9	628.3	897.9	1089.7	1197.8	2074.7	3015.8	3436.9	3820.5	4280.7
-7.5°	373.9	496.6	642.3	896.9	1074.7	1181.5	1946.4	2840.7	3301.8	3663.2	4145.6
-10°	375.1	507.3	651.5	877.8	1046.6	1154.3	1780.9	2632.8	3152.5	3491.0	3959.1
-12.5°	378.5	519.4	657.3	856.4	1018.7	1123.3	1593.7	2396.7	2990.6	3306.4	3746.1
-15°	378.3	528.8	660.2	834.2	992.8	1088.6	1389.3	2136.1	2870.1	3271.2	3630.6
-17.5°	374.8	535.3	660.5	813.0	970.3	1050.3	1178.9	1905.8	2770.5	3256.8	3605.5
-20°	368.3	539.1	658.5	794.2	949.5	1034.1	1138.9	1682.8	2505.6	3205.5	3595.5



REPORT NUMBER: P1306281 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	359.0	540.2	656.2	784.6	933.1	1039.3	1129.2	1438.4	2155.7	3120.4	3528.5
-25°	354.0	524.3	653.5	773.4	915.7	1045.5	1119.0	1213.0	1810.0	2692.1	3371.4
-27.5°	351.2	506.1	638.6	754.9	893.4	1044.0	1119.9	1199.5	1517.6	2203.1	3128.6
-30°	343.0	475.9	618.3	730.7	867.2	1014.5	1127.2	1189.6	1278.9	1810.6	2566.0
-32.5°	325.9	444.3	585.1	704.4	832.9	980.1	1119.6	1189.3	1265.6	1423.3	2032.9
-35°	307.8	419.4	547.0	671.8	790.7	933.7	1070.1	1186.8	1252.7	1334.3	1606.9
-37.5°	293.4	391.4	508.1	631.8	749.1	877.7	1015.2	1144.1	1242.8	1325.0	1428.9
-40°	275.4	360.4	472.5	588.5	703.3	822.1	950.7	1080.5	1205.0	1329.8	1424.5
-42.5°	253.6	336.3	435.3	544.3	654.4	768.5	883.4	1008.6	1153.8	1311.0	1432.5
-45°	227.8	308.2	396.4	497.4	600.8	710.6	821.7	934.7	1087.9	1249.5	1401.7
-47.5°	198.6	275.9	359.9	446.9	544.5	646.8	755.0	873.3	1007.7	1162.0	1327.9
-50°	167.9	239.6	318.0	398.8	485.9	580.4	680.4	799.9	926.3	1061.5	1211.2
-52.5°	139.0	199.8	272.4	349.4	428.3	513.0	606.7	713.7	832.2	958.0	1083.8
-55°	107.7	162.3	222.9	295.0	370.7	446.9	528.9	623.8	726.8	841.6	954.3
-57.5°	83.4	123.5	175.7	235.9	306.5	380.3	452.9	530.0	620.2	718.0	813.1
-60°	63.1	90.7	129.2	180.1	236.7	303.2	372.8	443.0	515.6	588.4	669.4
-62.5°	44.7	65.9	91.5	125.2	173.6	223.1	281.2	345.9	414.4	476.8	536.5
-65°	39.1	45.4	62.8	86.6	111.5	152.4	196.5	241.7	298.2	354.2	411.1
-67.5°	33.3	39.0	44.6	53.6	75.1	96.5	117.9	156.3	195.5	231.3	269.3
-70°	30.2	33.0	37.7	42.7	47.6	56.5	75.1	93.6	111.5	132.8	162.9
-72.5°	27.5	29.9	32.5	35.3	39.5	43.9	48.1	52.2	62.8	77.5	91.3
-75°	24.8	26.7	28.8	31.1	33.5	36.1	39.0	42.7	46.0	49.3	52.6
-77.5°	22.2	23.8	25.4	27.0	28.6	30.6	32.8	35.0	37.0	38.9	40.9
-80°	19.7	20.9	22.3	23.6	24.7	25.9	27.2	28.5	29.6	30.6	31.9
-82.5°	17.7	18.5	19.3	20.3	21.0	21.6	22.2	22.9	24.0	25.0	25.9
-85°	15.7	16.0	16.4	16.9	17.7	18.4	19.1	19.6	20.1	20.6	21.2
-87.5°	13.8	14.0	14.1	14.3	14.9	15.6	16.2	16.8	17.1	17.3	17.5
-90°	3.5	3.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	16.0	16.0	16.0	16.0	16.0	16.5	17.0	17.5	18.0	18.0	18.0
87.5°	2.0	1.9	1.9	1.8	1.8	1.4	0.9	0.5	0.0	0.0	0.0
85°	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.6	2.6	2.5	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	4.3	4.0	3.5	2.9	2.2	2.0	2.0	2.0	2.0	2.0	2.0
75°	5.8	5.7	5.5	5.0	4.1	3.9	4.0	3.9	3.7	3.7	3.8
72.5°	12.2	12.1	11.3	10.4	9.0	8.3	8.1	7.8	7.3	7.0	6.8
70°	22.1	21.4	20.1	17.9	14.9	12.8	11.7	10.3	8.6	7.9	7.9
67.5°	31.9	28.6	25.8	22.7	18.7	15.4	13.5	11.8	10.1	9.3	9.0
65°	36.8	29.4	24.5	20.7	17.7	15.0	12.9	11.1	9.4	8.4	8.2
62.5°	33.8	24.5	19.4	16.2	13.6	11.8	10.4	8.9	7.5	6.7	7.0
60°	27.6	18.9	14.5	12.7	11.2	10.1	8.8	7.6	6.6	6.1	6.7
57.5°	21.1	15.1	11.9	11.1	10.0	8.6	7.7	7.4	7.3	7.3	7.7
55°	15.7	13.3	12.0	10.6	9.4	8.4	8.1	8.3	8.3	8.0	8.0
52.5°	13.4	12.3	10.9	9.7	9.4	9.5	9.8	9.5	9.2	9.2	9.5
50°	13.1	12.0	11.0	10.0	10.3	10.4	10.1	10.4	11.0	11.2	11.4
47.5°	14.2	13.4	14.1	11.8	12.3	13.8	13.9	14.1	15.9	16.8	17.0
45°	18.6	22.7	22.7	21.0	20.2	29.2	29.8	25.0	40.7	39.0	27.5
42.5°	34.5	36.6	36.7	45.9	62.2	70.9	94.0	130.7	122.5	95.1	57.5
40°	57.1	54.3	66.2	85.0	103.9	126.1	157.8	220.3	209.7	167.9	184.5
37.5°	98.6	98.6	104.3	130.4	137.7	118.5	168.4	162.8	129.7	182.4	193.0
35°	180.3	198.4	168.4	208.8	214.2	197.1	206.6	228.4	197.6	236.4	253.1
32.5°	323.7	357.2	361.6	371.5	401.3	424.2	417.7	471.1	473.7	524.0	593.0
30°	517.5	586.9	658.7	670.0	707.1	767.4	797.7	905.0	1018.8	1093.4	1230.2
27.5°	909.7	926.8	1071.3	1185.2	1139.9	1230.2	1456.2	1587.1	1804.6	1934.1	2071.8
25°	1461.0	1508.2	1711.8	1921.6	1949.6	2032.1	2360.4	2547.9	2771.9	2902.7	3186.7
22.5°	2160.6	2364.1	2588.3	2864.2	2977.4	3171.2	3490.4	3765.2	4232.0	4809.5	6054.0
20°	2940.1	3245.8	3547.1	3789.5	4023.0	4331.3	4719.5	6045.8	7617.3	12352.3	15619.2
17.5°	3607.1	4107.8	4395.8	4630.5	4923.5	5518.2	7059.7	10967.9	18504.7	29046.5	38696.0
15°	4125.8	4593.2	5056.5	5350.7	5808.5	7124.9	10261.5	19846.5	35463.7	53259.0	74793.0
12.5°	4536.9	4925.2	5314.3	5747.2	6593.3	9158.6	17138.7	31941.0	54651.2	83416.2	121592.2
10°	4759.1	5147.5	5523.0	6139.2	7705.4	12376.7	23560.4	43081.2	78724.8	123649.3	172301.9
7.5°	4757.5	5231.0	5695.4	6447.0	8838.9	16222.1	31125.1	57540.6	99700.8	156023.3	218659.0
5°	4754.9	5327.9	5814.3	6662.6	9547.8	18846.4	35820.6	65548.3	116780.4	180340.6	247408.2
2.5°	4801.1	5431.7	5891.2	6804.7	9876.3	20254.5	38425.2	71873.2	128721.4	194181.7	265848.6
0°	4909.6	5524.0	5936.3	6819.0	9837.2	20545.0	38728.2	73403.4	133317.0	202862.6	276405.2
-2.5°	5089.2	5510.7	5910.8	6761.3	9706.0	19945.7	38020.6	72068.6	127991.9	193202.7	264378.3
-5°	4981.1	5321.5	5675.4	6440.6	9062.3	17844.9	34248.2	64489.6	112254.3	170814.0	231785.7
-7.5°	4703.6	5048.6	5376.4	6036.4	8134.4	14726.1	28015.4	51806.1	89113.5	134719.4	182608.8
-10°	4450.7	4760.1	5068.7	5596.6	6950.4	10801.1	20047.4	36664.1	65063.1	99441.9	136039.2
-12.5°	4255.9	4515.9	4753.5	5107.3	5860.1	8010.9	14584.8	26917.4	43691.1	65578.5	92362.3
-15°	4084.5	4286.6	4461.5	4801.9	5361.5	6485.1	9087.9	16133.4	26585.1	40376.5	55001.3
-17.5°	3926.0	4119.8	4326.3	4585.7	4938.0	5477.4	6972.6	9936.2	15965.9	24974.8	33600.1
-20°	3844.9	4082.0	4259.6	4462.5	4761.5	5176.0	5701.5	7171.5	9656.7	15193.4	20801.6



REPORT NUMBER: P1306281 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3780.9	4007.1	4209.6	4445.1	4752.2	5079.4	5363.0	5812.0	6984.5	8723.3	11618.4
-25°	3703.0	3926.0	4225.6	4568.3	4832.1	5079.5	5223.4	5317.0	5820.2	6317.2	7425.5
-27.5°	3555.1	3908.5	4348.5	4718.5	5002.4	5155.8	5271.8	5347.6	5649.3	5945.6	6268.1
-30°	3422.9	3964.7	4439.7	4869.9	5117.1	5304.6	5455.7	5592.4	5800.9	6051.9	6169.2
-32.5°	2953.8	3949.4	4477.8	4873.9	5127.8	5349.1	5581.9	5708.3	5891.9	6075.8	6223.9
-35°	2320.1	3331.8	4436.5	4663.4	4915.5	5203.9	5483.6	5663.4	5850.4	6039.7	6214.2
-37.5°	1738.0	2494.7	3390.5	4209.9	4548.2	4843.6	5186.9	5463.8	5708.4	5914.9	6113.7
-40°	1523.4	1728.7	2387.7	3038.5	3729.6	4364.0	4703.4	5074.1	5442.3	5697.3	5924.2
-42.5°	1521.0	1599.7	1667.0	2103.2	2634.9	3180.4	3757.7	4295.8	4894.8	5314.7	5633.2
-45°	1530.7	1592.0	1654.7	1717.9	1775.9	2177.3	2598.3	3025.1	3650.3	4270.9	4807.4
-47.5°	1458.0	1576.0	1651.1	1711.7	1769.2	1825.5	1880.6	1995.7	2395.3	2818.4	3205.0
-50°	1342.3	1464.1	1575.9	1688.1	1753.9	1809.6	1869.5	1935.3	1999.2	2064.2	2107.4
-52.5°	1200.6	1320.4	1436.8	1543.3	1639.1	1733.3	1827.5	1904.0	1972.3	2038.9	2072.0
-55°	1065.1	1172.9	1278.9	1372.6	1466.1	1559.0	1652.7	1745.9	1838.5	1929.3	1975.8
-57.5°	914.6	1019.4	1119.1	1198.0	1277.4	1356.6	1441.7	1529.2	1613.7	1691.0	1731.7
-60°	755.1	844.7	930.2	1006.8	1081.1	1152.7	1224.8	1297.9	1369.3	1432.2	1469.1
-62.5°	596.3	665.6	736.8	803.5	866.9	928.0	993.8	1056.6	1116.0	1166.1	1200.9
-65°	466.8	518.6	564.2	610.4	657.4	711.0	765.2	816.6	864.6	904.3	934.0
-67.5°	317.0	364.5	406.3	445.6	481.6	518.2	557.1	594.4	629.8	659.1	682.2
-70°	191.7	218.5	242.3	268.8	300.2	331.0	361.8	390.2	416.0	437.2	454.1
-72.5°	104.2	115.5	127.7	146.7	164.2	181.7	199.0	214.8	229.2	241.9	253.0
-75°	56.0	60.8	69.7	77.6	84.6	91.7	98.6	104.9	110.5	115.2	119.1
-77.5°	43.2	45.6	47.7	49.6	51.3	52.8	54.3	55.8	57.2	58.5	59.7
-80°	33.2	34.8	36.4	38.0	39.4	40.4	41.3	42.0	42.6	43.5	44.3
-82.5°	26.7	27.4	28.1	28.9	29.7	30.5	31.3	32.1	33.0	33.3	33.5
-85°	21.8	22.1	22.4	22.6	22.9	23.2	23.4	23.6	23.7	23.8	23.9
-87.5°	17.6	17.7	17.7	17.8	17.8	18.3	18.9	19.4	19.9	20.0	20.0
-90°	2.0	1.5	1.0	0.5	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°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	17.5
87.5°	0.0	0.0	1.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.5
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
75°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.8	3.7	3.7	3.9
72.5°	6.4	6.0	6.0	6.0	6.0	6.0	6.4	6.8	7.0	7.3	7.8
70°	7.9	7.9	8.0	8.0	8.0	7.9	7.9	7.9	7.9	8.6	10.3
67.5°	8.6	8.1	7.1	6.0	7.1	8.1	8.6	9.0	9.3	10.1	11.8
65°	8.1	8.0	7.1	6.0	7.1	8.0	8.1	8.2	8.4	9.4	11.1
62.5°	7.4	7.9	7.1	6.0	7.1	7.9	7.4	7.0	6.7	7.5	8.9
60°	7.3	7.8	8.0	8.0	8.0	7.8	7.3	6.7	6.1	6.6	7.6
57.5°	7.9	8.0	8.0	8.0	8.0	8.0	7.9	7.7	7.3	7.3	7.4
55°	8.0	8.0	8.8	10.0	8.8	8.0	8.0	8.0	8.0	8.3	8.3
52.5°	9.7	9.9	10.0	10.0	10.0	9.9	9.7	9.5	9.2	9.2	9.5
50°	11.7	11.9	12.0	12.0	12.0	11.9	11.7	11.4	11.2	11.0	10.4
47.5°	17.0	16.3	15.9	16.0	15.9	16.3	17.0	17.0	16.8	15.9	14.1
45°	27.9	27.8	27.7	28.0	27.7	27.8	27.9	27.5	39.0	40.7	25.0
42.5°	56.0	50.4	46.1	48.0	46.1	50.4	56.0	57.5	95.1	122.5	130.7
40°	164.7	113.1	65.5	66.0	65.5	113.1	164.7	184.5	167.9	209.7	220.3
37.5°	153.9	124.2	112.0	110.1	112.0	124.2	153.9	193.0	182.4	129.7	162.8
35°	253.9	252.4	241.3	240.2	241.3	252.4	253.9	253.1	236.4	197.6	228.4
32.5°	619.6	645.0	636.8	626.5	636.8	645.0	619.6	593.0	524.0	473.7	471.1
30°	1295.1	1351.5	1340.0	1371.0	1340.0	1351.5	1295.1	1230.2	1093.4	1018.8	905.0
27.5°	2148.0	2184.9	2146.8	2135.6	2146.8	2184.9	2148.0	2071.8	1934.1	1804.6	1587.1
25°	3380.8	3452.3	3485.3	3552.6	3485.3	3452.3	3380.8	3186.7	2902.7	2771.9	2547.9
22.5°	7601.2	8044.2	7816.7	7613.5	7816.7	8044.2	7601.2	6054.0	4809.5	4232.0	3765.2
20°	22307.4	26247.3	25956.9	25438.5	25956.9	26247.3	22307.4	15619.2	12352.3	7617.3	6045.8
17.5°	53789.7	65893.8	73431.7	77398.3	73431.7	65893.8	53789.7	38696.0	29046.5	18504.7	10967.9
15°	100349.0	120708.1	132661.8	139441.5	132661.8	120708.1	100349.0	74793.0	53259.0	35463.7	19846.5
12.5°	158293.8	190203.7	211373.0	215419.8	211373.0	190203.7	158293.8	121592.2	83416.2	54651.2	31941.0
10°	222098.7	262968.1	296674.0	308966.9	296674.0	262968.1	222098.7	172301.9	123649.3	78724.8	43081.2
7.5°	276590.3	328744.3	373500.9	389419.5	373500.9	328744.3	276590.3	218659.0	156023.3	99700.8	57540.6
5°	316214.3	385398.6	425910.7	436842.0	425910.7	385398.6	316214.3	247408.2	180340.6	116780.4	65548.3
2.5°	348468.4	414141.4	457576.0	479970.4	457576.0	414141.4	348468.4	265848.6	194181.7	128721.4	71873.2
0°	362650.0	425761.9	472606.0	505461.9	472606.0	425761.9	362650.0	276405.2	202862.6	133317.0	73403.4
-2.5°	345222.0	409762.7	443085.3	457486.0	443085.3	409762.7	345222.0	264378.3	193202.7	127991.9	72068.6
-5°	293510.9	354352.2	387843.8	398484.1	387843.8	354352.2	293510.9	231785.7	170814.0	112254.3	64489.6
-7.5°	228950.7	271101.5	299997.1	310067.7	299997.1	271101.5	228950.7	182608.8	134719.4	89113.5	51806.1
-10°	172394.9	202624.3	218109.0	223342.6	218109.0	202624.3	172394.9	136039.2	99441.9	65063.1	36664.1
-12.5°	118375.7	141132.5	151141.9	157717.8	151141.9	141132.5	118375.7	92362.3	65578.5	43691.1	26917.4
-15°	72816.1	87651.9	95533.5	100032.8	95533.5	87651.9	72816.1	55001.3	40376.5	26585.1	16133.4
-17.5°	44239.6	52304.0	57527.1	59893.6	57527.1	52304.0	44239.6	33600.1	24974.8	15965.9	9936.2
-20°	27465.0	32834.4	35884.2	37633.4	35884.2	32834.4	27465.0	20801.6	15193.4	9656.7	7171.5



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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°	15429.0	18375.2	20027.2	20603.0	20027.2	18375.2	15429.0	11618.4	8723.3	6984.5	5812.0
-25°	8579.9	9329.8	9657.9	9735.1	9657.9	9329.8	8579.9	7425.5	6317.2	5820.2	5317.0
-27.5°	6547.6	6707.5	6808.8	6839.0	6808.8	6707.5	6547.6	6268.1	5945.6	5649.3	5347.6
-30°	6280.7	6297.4	6325.2	6320.6	6325.2	6297.4	6280.7	6169.2	6051.9	5800.9	5592.4
-32.5°	6328.3	6334.5	6340.1	6330.6	6340.1	6334.5	6328.3	6223.9	6075.8	5891.9	5708.3
-35°	6309.4	6327.5	6341.8	6348.6	6341.8	6327.5	6309.4	6214.2	6039.7	5850.4	5663.4
-37.5°	6192.7	6217.7	6229.9	6218.5	6229.9	6217.7	6192.7	6113.7	5914.9	5708.4	5463.8
-40°	5978.6	5996.7	5997.9	5988.4	5997.9	5996.7	5978.6	5924.2	5697.3	5442.3	5074.1
-42.5°	5730.3	5793.4	5823.3	5824.2	5823.3	5793.4	5730.3	5633.2	5314.7	4894.8	4295.8
-45°	5147.5	5411.3	5567.9	5606.1	5567.9	5411.3	5147.5	4807.4	4270.9	3650.3	3025.1
-47.5°	3513.9	3776.1	3946.5	4010.9	3946.5	3776.1	3513.9	3205.0	2818.4	2395.3	1995.7
-50°	2138.9	2170.7	2184.7	2181.6	2184.7	2170.7	2138.9	2107.4	2064.2	1999.2	1935.3
-52.5°	2097.4	2122.6	2138.1	2145.6	2138.1	2122.6	2097.4	2072.0	2038.9	1972.3	1904.0
-55°	2014.0	2045.5	2061.6	2065.5	2061.6	2045.5	2014.0	1975.8	1929.3	1838.5	1745.9
-57.5°	1766.0	1793.4	1809.1	1815.3	1809.1	1793.4	1766.0	1731.7	1691.0	1613.7	1529.2
-60°	1499.0	1521.9	1532.0	1533.1	1532.0	1521.9	1499.0	1469.1	1432.2	1369.3	1297.9
-62.5°	1229.9	1252.7	1260.3	1258.9	1260.3	1252.7	1229.9	1200.9	1166.1	1116.0	1056.6
-65°	958.9	978.7	982.7	978.7	982.7	978.7	958.9	934.0	904.3	864.6	816.6
-67.5°	701.6	717.0	721.5	720.5	721.5	717.0	701.6	682.2	659.1	629.8	594.4
-70°	467.5	477.5	477.1	472.3	477.1	477.5	467.5	454.1	437.2	416.0	390.2
-72.5°	262.3	269.9	276.0	280.2	276.0	269.9	262.3	253.0	241.9	229.2	214.8
-75°	122.2	124.6	127.6	130.1	127.6	124.6	122.2	119.1	115.2	110.5	104.9
-77.5°	60.8	61.7	62.9	64.0	62.9	61.7	60.8	59.7	58.5	57.2	55.8
-80°	45.1	45.8	46.0	46.0	46.0	45.8	45.1	44.3	43.5	42.6	42.0
-82.5°	33.7	33.9	34.0	34.0	34.0	33.9	33.7	33.5	33.3	33.0	32.1
-85°	23.9	24.0	25.0	26.0	25.0	24.0	23.9	23.9	23.8	23.7	23.6
-87.5°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.9	19.4
-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°	17.0	16.5	16.0	16.0	16.0	16.0	16.0	15.5	15.0	14.5	14.0
87.5°	0.9	1.4	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.0
85°	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.3	2.3
80°	2.0	2.0	2.0	2.3	2.5	2.6	2.6	2.9	3.2	3.5	3.7
77.5°	2.0	2.0	2.2	2.9	3.5	4.0	4.3	4.5	4.8	5.0	5.0
75°	4.0	3.9	4.1	5.0	5.5	5.7	5.8	5.7	5.7	5.8	6.0
72.5°	8.1	8.3	9.0	10.4	11.3	12.1	12.2	11.4	9.9	7.6	6.0
70°	11.7	12.8	14.9	17.9	20.1	21.4	22.1	21.6	19.6	17.4	13.3
67.5°	13.5	15.4	18.7	22.7	25.8	28.6	31.9	35.0	35.3	33.0	23.8
65°	12.9	15.0	17.7	20.7	24.5	29.4	36.8	41.3	44.2	45.5	37.4
62.5°	10.4	11.8	13.6	16.2	19.4	24.5	33.8	41.8	48.5	49.8	42.1
60°	8.8	10.1	11.2	12.7	14.5	18.9	27.6	37.7	49.3	48.1	43.1
57.5°	7.7	8.6	10.0	11.1	11.9	15.1	21.1	29.4	40.1	41.3	39.6
55°	8.1	8.4	9.4	10.6	12.0	13.3	15.7	20.9	28.4	30.8	31.3
52.5°	9.8	9.5	9.4	9.7	10.9	12.3	13.4	16.2	18.8	22.0	23.9
50°	10.1	10.4	10.3	10.0	11.0	12.0	13.1	14.0	15.4	17.0	18.3
47.5°	13.9	13.8	12.3	11.8	14.1	13.4	14.2	14.9	15.8	15.4	16.2
45°	29.8	29.2	20.2	21.0	22.7	22.7	18.6	19.9	19.2	18.0	15.9
42.5°	94.0	70.9	62.2	45.9	36.7	36.6	34.5	31.7	28.8	23.9	22.8
40°	157.8	126.1	103.9	85.0	66.2	54.3	57.1	48.6	43.5	37.0	36.7
37.5°	168.4	118.5	137.7	130.4	104.3	98.6	98.6	82.0	60.5	73.2	72.1
35°	206.6	197.1	214.2	208.8	168.4	198.4	180.3	141.0	118.8	132.1	124.0
32.5°	417.7	424.2	401.3	371.5	361.6	357.2	323.7	249.3	237.1	227.7	200.2
30°	797.7	767.4	707.1	670.0	658.7	586.9	517.5	522.7	451.6	349.7	298.9
27.5°	1456.2	1230.2	1139.9	1185.2	1071.3	926.8	909.7	923.0	744.7	564.3	431.1
25°	2360.4	2032.1	1949.6	1921.6	1711.8	1508.2	1461.0	1400.9	1195.9	847.4	595.7
22.5°	3490.4	3171.2	2977.4	2864.2	2588.3	2364.1	2160.6	1939.1	1731.4	1268.6	883.5
20°	4719.5	4331.3	4023.0	3789.5	3547.1	3245.8	2940.1	2558.5	2232.8	1793.1	1232.6
17.5°	7059.7	5518.2	4923.5	4630.5	4395.8	4107.8	3607.1	3113.0	2729.4	2342.8	1617.9
15°	10261.5	7124.9	5808.5	5350.7	5056.5	4593.2	4125.8	3599.6	3216.9	2839.7	2054.0
12.5°	17138.7	9158.6	6593.3	5747.2	5314.3	4925.2	4536.9	4060.6	3601.4	3105.3	2365.0
10°	23560.4	12376.7	7705.4	6139.2	5523.0	5147.5	4759.1	4207.6	3687.4	3246.0	2629.2
7.5°	31125.1	16222.1	8838.9	6447.0	5695.4	5231.0	4757.5	4192.8	3730.5	3341.5	2847.2
5°	35820.6	18846.4	9547.8	6662.6	5814.3	5327.9	4754.9	4115.3	3737.2	3399.6	3019.5
2.5°	38425.2	20254.5	9876.3	6804.7	5891.2	5431.7	4801.1	4078.1	3736.9	3411.1	3072.5
0°	38728.2	20545.0	9837.2	6819.0	5936.3	5524.0	4909.6	4093.0	3728.7	3402.5	3084.2
-2.5°	38020.6	19945.7	9706.0	6761.3	5910.8	5510.7	5089.2	4254.1	3819.0	3440.9	3070.6
-5°	34248.2	17844.9	9062.3	6440.6	5675.4	5321.5	4981.1	4280.7	3820.5	3436.9	3015.8
-7.5°	28015.4	14726.1	8134.4	6036.4	5376.4	5048.6	4703.6	4145.6	3663.2	3301.8	2840.7
-10°	20047.4	10801.1	6950.4	5596.6	5068.7	4760.1	4450.7	3959.1	3491.0	3152.5	2632.8
-12.5°	14584.8	8010.9	5860.1	5107.3	4753.5	4515.9	4255.9	3746.1	3306.4	2990.6	2396.7
-15°	9087.9	6485.1	5361.5	4801.9	4461.5	4286.6	4084.5	3630.6	3271.2	2870.1	2136.1
-17.5°	6972.6	5477.4	4938.0	4585.7	4326.3	4119.8	3926.0	3605.5	3256.8	2770.5	1905.8
-20°	5701.5	5176.0	4761.5	4462.5	4259.6	4082.0	3844.9	3595.5	3205.5	2505.6	1682.8



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	5363.0	5079.4	4752.2	4445.1	4209.6	4007.1	3780.9	3528.5	3120.4	2155.7	1438.4
-25°	5223.4	5079.5	4832.1	4568.3	4225.6	3926.0	3703.0	3371.4	2692.1	1810.0	1213.0
-27.5°	5271.8	5155.8	5002.4	4718.5	4348.5	3908.5	3555.1	3128.6	2203.1	1517.6	1199.5
-30°	5455.7	5304.6	5117.1	4869.9	4439.7	3964.7	3422.9	2566.0	1810.6	1278.9	1189.6
-32.5°	5581.9	5349.1	5127.8	4873.9	4477.8	3949.4	2953.8	2032.9	1423.3	1265.6	1189.3
-35°	5483.6	5203.9	4915.5	4663.4	4436.5	3331.8	2320.1	1606.9	1334.3	1252.7	1186.8
-37.5°	5186.9	4843.6	4548.2	4209.9	3390.5	2494.7	1738.0	1428.9	1325.0	1242.8	1144.1
-40°	4703.4	4364.0	3729.6	3038.5	2387.7	1728.7	1523.4	1424.5	1329.8	1205.0	1080.5
-42.5°	3757.7	3180.4	2634.9	2103.2	1667.0	1599.7	1521.0	1432.5	1311.0	1153.8	1008.6
-45°	2598.3	2177.3	1775.9	1717.9	1654.7	1592.0	1530.7	1401.7	1249.5	1087.9	934.7
-47.5°	1880.6	1825.5	1769.2	1711.7	1651.1	1576.0	1458.0	1327.9	1162.0	1007.7	873.3
-50°	1869.5	1809.6	1753.9	1688.1	1575.9	1464.1	1342.3	1211.2	1061.5	926.3	799.9
-52.5°	1827.5	1733.3	1639.1	1543.3	1436.8	1320.4	1200.6	1083.8	958.0	832.2	713.7
-55°	1652.7	1559.0	1466.1	1372.6	1278.9	1172.9	1065.1	954.3	841.6	726.8	623.8
-57.5°	1441.7	1356.6	1277.4	1198.0	1119.1	1019.4	914.6	813.1	718.0	620.2	530.0
-60°	1224.8	1152.7	1081.1	1006.8	930.2	844.7	755.1	669.4	588.4	515.6	443.0
-62.5°	993.8	928.0	866.9	803.5	736.8	665.6	596.3	536.5	476.8	414.4	345.9
-65°	765.2	711.0	657.4	610.4	564.2	518.6	466.8	411.1	354.2	298.2	241.7
-67.5°	557.1	518.2	481.6	445.6	406.3	364.5	317.0	269.3	231.3	195.5	156.3
-70°	361.8	331.0	300.2	268.8	242.3	218.5	191.7	162.9	132.8	111.5	93.6
-72.5°	199.0	181.7	164.2	146.7	127.7	115.5	104.2	91.3	77.5	62.8	52.2
-75°	98.6	91.7	84.6	77.6	69.7	60.8	56.0	52.6	49.3	46.0	42.7
-77.5°	54.3	52.8	51.3	49.6	47.7	45.6	43.2	40.9	38.9	37.0	35.0
-80°	41.3	40.4	39.4	38.0	36.4	34.8	33.2	31.9	30.6	29.6	28.5
-82.5°	31.3	30.5	29.7	28.9	28.1	27.4	26.7	25.9	25.0	24.0	22.9
-85°	23.4	23.2	22.9	22.6	22.4	22.1	21.8	21.2	20.6	20.1	19.6
-87.5°	18.9	18.3	17.8	17.8	17.7	17.7	17.6	17.5	17.3	17.1	16.8
-90°	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.0	2.0	2.0	2.0



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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°	13.5	13.0	12.5	12.0	12.0	12.0	12.0	12.0	11.5	11.0	10.5
87.5°	2.3	2.6	2.9	3.1	3.3	3.5	3.7	4.0	4.2	4.3	4.5
85°	2.5	3.0	3.5	4.0	4.0	4.0	4.0	4.0	4.4	4.7	4.9
82.5°	2.6	3.0	3.5	4.0	4.3	4.5	4.6	4.6	4.7	5.1	5.4
80°	3.6	3.6	3.8	4.1	4.6	5.1	5.3	5.4	5.3	5.4	5.6
77.5°	4.7	4.4	4.1	4.1	4.6	5.1	5.6	6.0	5.9	5.7	5.8
75°	6.0	5.7	5.3	4.9	4.9	5.2	5.7	6.0	6.0	6.0	5.9
72.5°	6.0	6.0	6.0	6.0	5.6	5.6	5.8	6.0	6.0	6.0	6.0
70°	9.3	6.6	6.0	6.0	6.0	6.0	5.9	6.1	6.0	6.0	6.0
67.5°	15.2	10.7	7.7	6.3	6.0	6.0	6.0	6.2	6.3	6.0	6.0
65°	26.6	17.2	9.8	8.1	6.7	6.0	6.0	6.4	6.6	6.4	6.0
62.5°	34.4	25.9	17.0	11.1	8.2	6.8	6.0	6.5	7.0	6.9	6.4
60°	38.0	30.0	23.6	17.1	11.2	7.8	6.8	6.6	7.1	7.4	6.9
57.5°	35.1	32.1	27.4	21.9	15.7	10.2	7.8	7.2	7.1	7.6	7.5
55°	30.0	28.1	29.3	25.3	19.5	13.5	9.4	8.0	7.4	7.7	8.0
52.5°	23.6	25.3	27.9	27.4	22.5	16.6	12.2	8.9	8.1	7.8	8.2
50°	18.9	22.7	26.7	28.0	25.2	19.8	14.7	10.9	8.9	8.0	8.3
47.5°	17.5	21.2	24.7	28.5	27.1	22.8	17.4	12.8	9.6	8.7	8.4
45°	19.3	20.7	23.6	27.0	29.4	25.1	20.0	14.4	11.0	9.4	8.5
42.5°	23.5	23.9	23.9	25.8	29.0	27.2	22.6	16.6	12.2	10.1	8.9
40°	33.8	30.1	26.2	28.3	28.9	29.1	24.4	18.8	13.3	11.0	9.6
37.5°	47.1	40.8	33.7	35.5	31.5	29.8	26.1	20.9	14.9	12.2	10.3
35°	91.0	55.8	57.3	52.8	41.5	31.4	27.7	22.6	17.3	13.3	11.0
32.5°	147.8	107.3	105.7	81.5	55.0	33.6	29.3	25.1	19.8	14.4	11.8
30°	242.5	223.2	175.8	117.8	75.8	46.2	32.5	27.7	22.2	15.4	12.6
27.5°	391.8	361.1	271.5	182.5	110.6	62.6	38.2	30.5	24.7	16.8	13.4
25°	542.9	503.8	404.3	268.3	150.3	97.1	45.3	33.6	27.1	18.8	14.3
22.5°	693.8	642.7	551.5	367.0	210.2	141.6	63.4	39.0	29.5	20.8	15.1
20°	838.0	780.7	699.4	449.5	283.2	194.5	96.0	45.2	31.9	22.7	15.8
17.5°	1005.5	885.7	763.5	536.5	355.8	247.6	133.5	51.9	34.4	24.6	16.5
15°	1263.1	948.7	821.4	613.9	418.6	300.4	174.9	59.0	36.8	26.3	17.2
12.5°	1497.2	1007.4	878.6	681.8	472.6	352.5	218.7	66.3	39.1	27.8	17.8
10°	1716.1	1061.8	934.1	740.5	518.7	403.2	263.4	73.8	42.1	29.0	18.3
7.5°	1914.5	1111.7	986.7	790.2	554.5	436.4	293.7	81.2	45.3	30.1	18.8
5°	2070.8	1151.2	1030.1	825.5	568.3	448.9	317.5	88.2	48.4	30.9	19.3
2.5°	2122.6	1176.4	1064.7	853.0	579.0	457.3	336.6	94.5	51.3	31.5	19.7
0°	2133.6	1196.9	1092.8	872.6	586.4	462.3	350.3	100.1	54.0	32.0	20.0
-2.5°	2123.1	1199.2	1094.0	889.4	609.4	476.5	362.7	124.8	71.2	41.7	24.7
-5°	2074.7	1197.8	1089.7	897.9	628.3	487.9	370.3	148.1	87.5	51.0	29.2
-7.5°	1946.4	1181.5	1074.7	896.9	642.3	496.6	373.9	169.7	102.8	59.6	33.4
-10°	1780.9	1154.3	1046.6	877.8	651.5	507.3	375.1	189.1	116.5	67.4	37.1
-12.5°	1593.7	1123.3	1018.7	856.4	657.3	519.4	378.5	205.7	128.3	74.1	40.3
-15°	1389.3	1088.6	992.8	834.2	660.2	528.8	378.3	219.1	138.4	80.6	42.9
-17.5°	1178.9	1050.3	970.3	813.0	660.5	535.3	374.8	229.3	146.8	87.1	45.9
-20°	1138.9	1034.1	949.5	794.2	658.5	539.1	368.3	235.9	153.3	91.9	48.8



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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°	1129.2	1039.3	933.1	784.6	656.2	540.2	359.0	238.7	158.0	95.0	50.5
-25°	1119.0	1045.5	915.7	773.4	653.5	524.3	354.0	237.4	160.7	96.2	51.0
-27.5°	1119.9	1044.0	893.4	754.9	638.6	506.1	351.2	239.2	161.5	95.4	50.1
-30°	1127.2	1014.5	867.2	730.7	618.3	475.9	343.0	238.7	160.4	93.9	47.8
-32.5°	1119.6	980.1	832.9	704.4	585.1	444.3	325.9	235.5	156.4	91.2	46.3
-35°	1070.1	933.7	790.7	671.8	547.0	419.4	307.8	229.6	149.5	86.4	44.6
-37.5°	1015.2	877.7	749.1	631.8	508.1	391.4	293.4	215.4	139.6	79.4	41.8
-40°	950.7	822.1	703.3	588.5	472.5	360.4	275.4	197.9	129.0	70.2	38.0
-42.5°	883.4	768.5	654.4	544.3	435.3	336.3	253.6	177.5	114.4	62.9	33.1
-45°	821.7	710.6	600.8	497.4	396.4	308.2	227.8	154.9	97.5	56.1	29.3
-47.5°	755.0	646.8	544.5	446.9	359.9	275.9	198.6	133.7	79.0	47.8	28.2
-50°	680.4	580.4	485.9	398.8	318.0	239.6	167.9	110.4	67.6	38.0	26.8
-52.5°	606.7	513.0	428.3	349.4	272.4	199.8	139.0	86.1	55.2	33.3	25.1
-55°	528.9	446.9	370.7	295.0	222.9	162.3	107.7	70.7	41.7	30.9	23.4
-57.5°	452.9	380.3	306.5	235.9	175.7	123.5	83.4	54.0	36.1	28.2	22.8
-60°	372.8	303.2	236.7	180.1	129.2	90.7	63.1	40.8	32.7	25.7	22.0
-62.5°	281.2	223.1	173.6	125.2	91.5	65.9	44.7	36.5	29.0	24.6	21.2
-65°	196.5	152.4	111.5	86.6	62.8	45.4	39.1	31.8	27.0	23.5	20.2
-67.5°	117.9	96.5	75.1	53.6	44.6	39.0	33.3	29.1	25.5	22.2	19.2
-70°	75.1	56.5	47.6	42.7	37.7	33.0	30.2	27.1	23.8	20.8	18.2
-72.5°	48.1	43.9	39.5	35.3	32.5	29.9	27.5	24.9	22.0	19.4	17.0
-75°	39.0	36.1	33.5	31.1	28.8	26.7	24.8	22.7	20.2	17.9	15.9
-77.5°	32.8	30.6	28.6	27.0	25.4	23.8	22.2	20.4	18.4	16.6	14.8
-80°	27.2	25.9	24.7	23.6	22.3	20.9	19.7	18.6	17.0	15.3	13.7
-82.5°	22.2	21.6	21.0	20.3	19.3	18.5	17.7	17.0	15.5	14.0	12.7
-85°	19.1	18.4	17.7	16.9	16.4	16.0	15.7	15.3	14.1	13.0	12.0
-87.5°	16.2	15.6	14.9	14.3	14.1	14.0	13.8	13.7	12.8	12.0	11.2
-90°	2.0	2.0	2.0	2.0	2.5	3.0	3.5	4.0	4.0	4.0	4.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.0	9.5	9.0	8.5	8.0	7.0	6.0
87.5°	4.5	4.8	5.2	5.6	6.0	6.0	6.0
85°	5.0	5.2	5.4	5.6	6.0	6.1	6.0
82.5°	5.6	5.5	5.5	5.7	6.0	6.1	6.0
80°	6.0	5.8	5.7	5.8	6.0	6.2	6.0
77.5°	6.0	6.0	5.9	5.8	6.0	6.2	6.0
75°	6.1	6.2	6.0	5.9	6.0	6.3	6.0
72.5°	6.1	6.3	6.2	6.0	6.1	6.3	6.0
70°	6.2	6.5	6.4	6.0	6.1	6.4	6.0
67.5°	6.2	6.6	6.6	6.2	6.1	6.4	6.0
65°	6.3	6.7	6.8	6.4	6.2	6.5	6.0
62.5°	6.3	6.8	7.0	6.6	6.2	6.5	6.0
60°	6.4	6.8	7.3	6.8	6.3	6.6	6.0
57.5°	6.8	6.9	7.3	7.1	6.4	6.6	6.0
55°	7.4	6.9	7.4	7.3	6.6	6.7	6.0
52.5°	7.9	7.1	7.4	7.5	6.8	6.7	6.0
50°	8.3	7.5	7.5	7.7	6.9	6.8	6.0
47.5°	8.8	7.9	7.5	7.9	7.0	6.9	6.0
45°	8.9	8.3	7.6	7.9	7.2	6.9	6.0
42.5°	8.9	8.6	7.6	8.0	7.3	7.0	6.0
40°	9.0	9.0	7.8	8.0	7.4	7.0	6.0
37.5°	9.1	9.4	8.1	8.1	7.5	7.1	6.0
35°	9.3	9.6	8.4	8.1	7.6	7.2	6.0
32.5°	9.5	9.6	8.7	8.2	7.7	7.2	6.0
30°	10.1	9.7	8.9	8.3	7.7	7.3	6.0
27.5°	10.7	9.8	9.2	8.4	7.8	7.4	6.0
25°	11.3	9.9	9.4	8.5	7.8	7.4	6.0
22.5°	11.9	10.0	9.5	8.7	7.9	7.5	6.0
20°	12.4	10.2	9.7	8.8	7.9	7.6	6.0
17.5°	13.0	10.4	9.8	8.9	7.9	7.6	6.0
15°	13.6	10.6	9.9	9.1	8.0	7.7	6.0
12.5°	14.1	10.8	9.9	9.3	8.0	7.7	6.0
10°	14.6	11.0	10.0	9.4	8.0	7.8	6.0
7.5°	15.0	11.3	10.0	9.6	8.0	7.9	6.0
5°	15.4	11.5	10.0	9.7	8.0	7.9	6.0
2.5°	15.7	11.8	10.0	9.9	8.0	8.0	6.0
0°	16.0	12.0	10.0	10.0	8.0	8.0	6.0
-2.5°	17.6	12.7	10.4	10.1	8.1	8.0	6.0
-5°	19.1	13.3	10.7	10.2	8.2	8.1	6.0
-7.5°	20.5	13.9	11.0	10.3	8.3	8.1	6.0
-10°	21.7	14.4	11.4	10.4	8.3	8.1	6.0
-12.5°	22.8	14.9	11.7	10.5	8.4	8.2	6.0
-15°	23.7	15.4	11.9	10.6	8.5	8.2	6.0
-17.5°	24.4	15.7	12.2	10.6	8.6	8.2	6.0
-20°	25.1	16.1	12.4	10.7	8.7	8.2	6.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	26.1	16.3	12.6	10.7	8.8	8.2	6.0
-25°	26.5	16.6	12.8	10.7	8.8	8.2	6.0
-27.5°	26.3	16.8	12.9	10.7	8.9	8.2	6.0
-30°	25.5	16.9	13.0	10.7	9.0	8.2	6.0
-32.5°	24.0	16.8	13.1	10.7	9.1	8.2	6.0
-35°	23.3	16.7	13.2	10.6	9.1	8.2	6.0
-37.5°	23.1	16.6	13.3	10.6	9.2	8.2	6.0
-40°	22.7	16.6	13.3	10.5	9.3	8.2	6.0
-42.5°	22.1	16.6	13.3	10.5	9.4	8.2	6.0
-45°	21.4	16.6	13.3	10.4	9.4	8.1	6.0
-47.5°	20.4	16.5	13.2	10.4	9.5	8.1	6.0
-50°	20.0	16.3	13.0	10.4	9.5	8.1	6.0
-52.5°	19.7	16.1	12.9	10.5	9.6	8.0	6.0
-55°	19.3	15.8	12.7	10.6	9.6	8.0	6.0
-57.5°	18.9	15.4	12.5	10.6	9.7	7.9	6.0
-60°	18.4	15.1	12.2	10.6	9.7	7.9	6.0
-62.5°	17.8	14.6	12.1	10.6	9.6	7.8	6.0
-65°	17.1	14.1	11.9	10.6	9.5	7.8	6.0
-67.5°	16.4	13.7	11.7	10.5	9.4	7.7	6.0
-70°	15.6	13.2	11.5	10.4	9.2	7.6	6.0
-72.5°	14.8	12.8	11.3	10.2	9.1	7.6	6.0
-75°	13.9	12.2	11.0	10.0	9.0	7.5	6.0
-77.5°	13.0	11.7	10.7	9.8	8.8	7.4	6.0
-80°	12.1	11.2	10.4	9.5	8.7	7.3	6.0
-82.5°	11.5	10.8	10.0	9.3	8.5	7.3	6.0
-85°	11.0	10.4	9.7	9.0	8.3	7.2	6.0
-87.5°	10.5	9.9	9.3	8.8	8.2	7.1	6.0
-90°	4.0	4.5	5.0	5.5	6.0	6.0	6.0

(END OF REPORT)