

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: P1306331 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-50-70-2S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

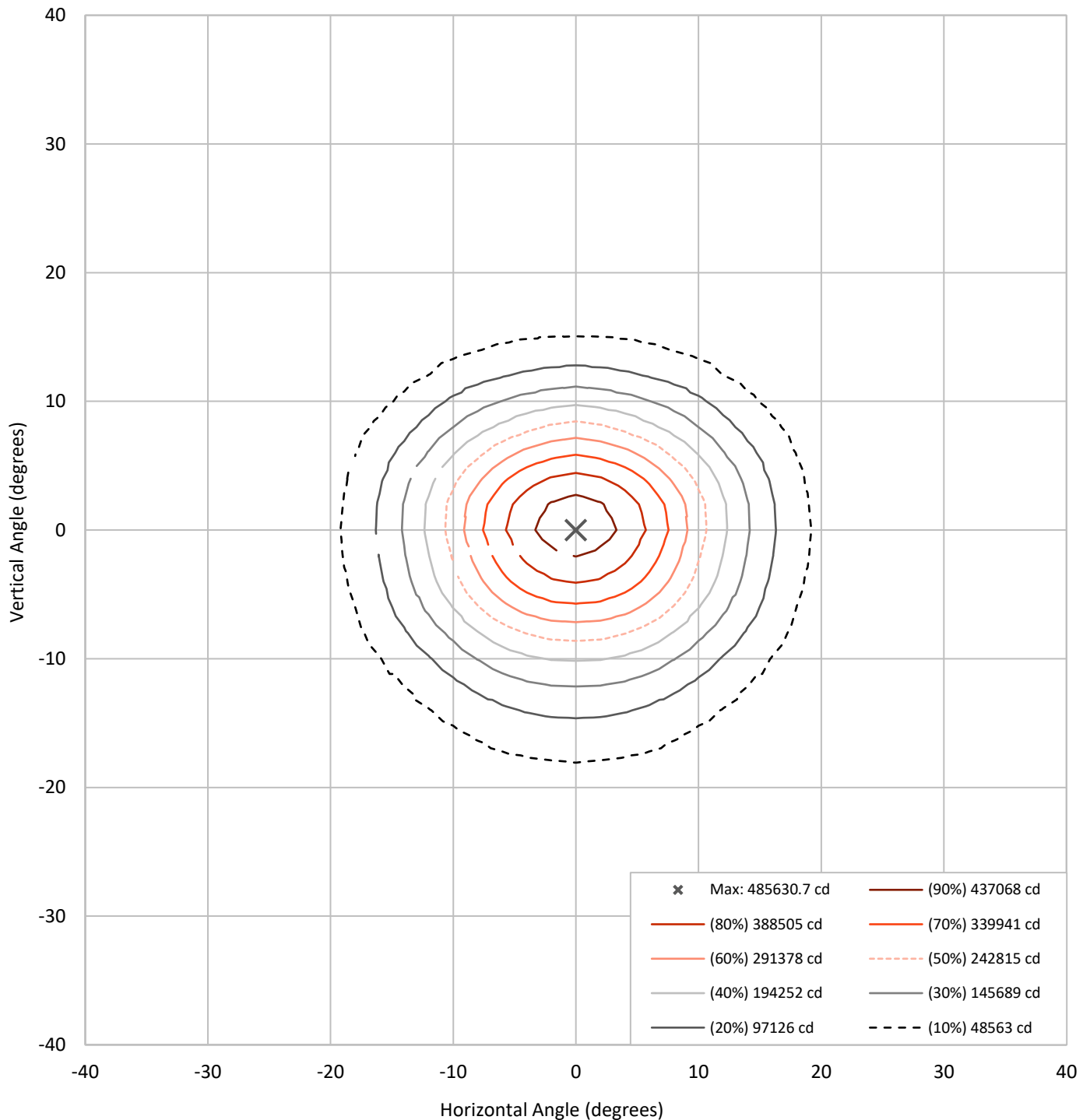
Test Method: LM-79-08  
Report Number: P1306331 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-50-70-2S-CV5-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	65501.6 lumens	Max Intensity:	485630.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	92.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.3°H x 17°V	Field Angle (10%):	38.4°H x 32.9°V
Beam Lumens:	28665.1 lumens	Field Lumens:	55483.3 lumens
Beam Efficiency:	43.8%	Field Efficiency:	84.7%
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





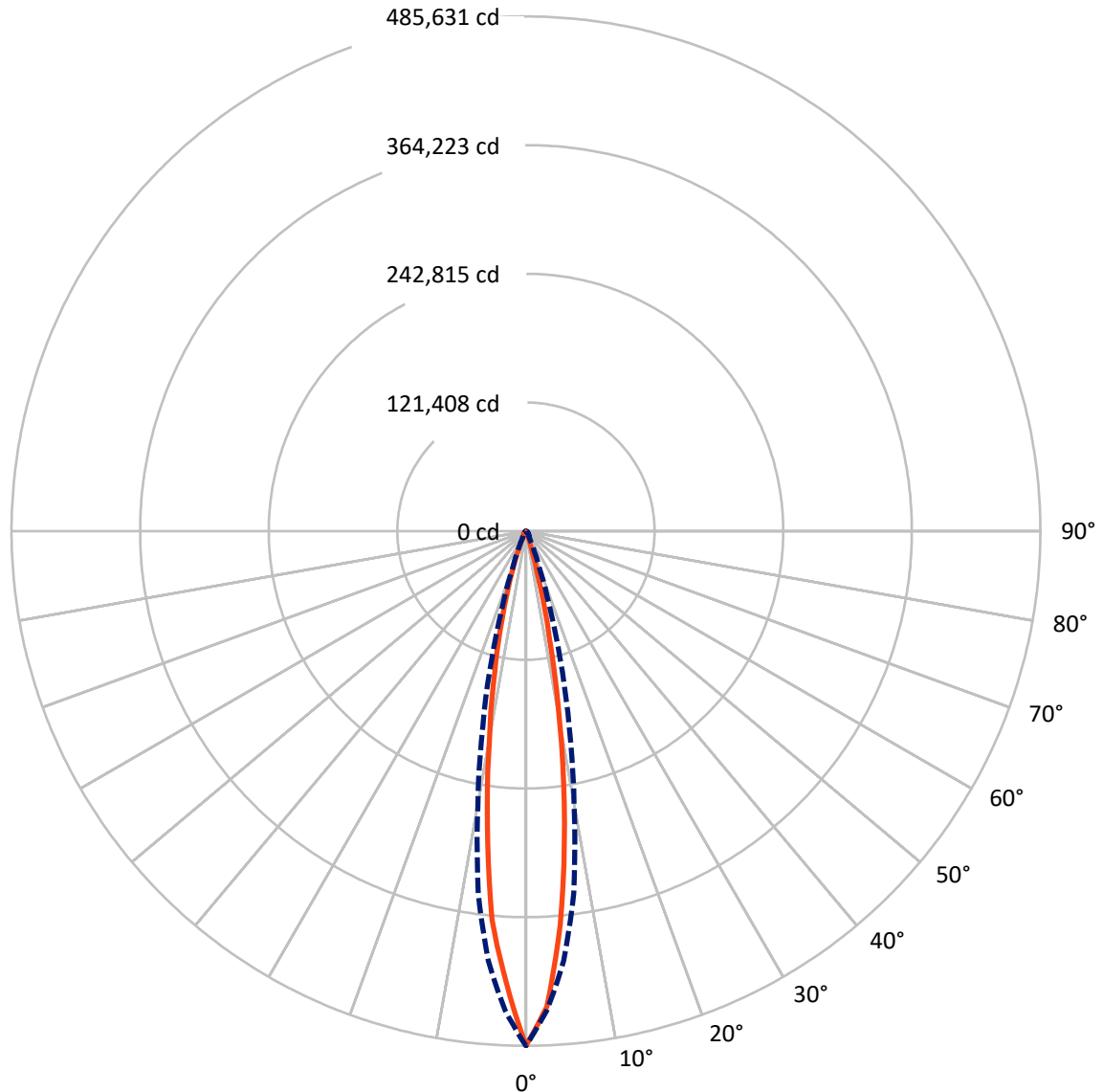
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### Lumen Table

90	0.2	0.5		0.8		0.8		1.0		0.8		0.8		0.5		0.2			
80	0.2	0.5		0.8		0.8		1.0		0.8		0.8		0.5		0.2			
70	0.2	0.1	0.2	0.8	0.8	0.5	0.3	0.2	0.2	0.3	0.5	0.8	0.8	0.2	0.1	0.2			
60		0.1	0.4	0.6	0.4	0.2	0.2	0.2	0.2	0.2	0.2	0.4	0.6	0.4	0.1				
50	0.2	0.2	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.5	0.4	0.4	0.4	0.5	0.2	0.2			
40		0.3	0.6	0.9	1.7	2.4	2.8	3.2	3.2	2.8	2.4	1.7	0.9	0.6	0.3				
30	0.3	0.5	1.7	4.2	8.2	10.5	18.6	39.4	39.4	18.6	10.5	8.2	4.2	1.7	0.5	0.3			
20		1.3	6.0	20.1	42.1	76.4	527.0	1623.1	1623.1	527.0	76.4	42.1	20.1	6.0	1.3				
10	0.4	2.3	12.5	49.0	98.1	311.7	3042.4	9044.0	9044.0	3042.4	311.7	98.1	49.0	12.5	2.3	0.4			
0		3.0	14.9	57.2	112.0	325.2	3105.5	9092.7	9092.7	3105.5	325.2	112.0	57.2	14.9	3.0				
-10	0.7	3.2	13.0	42.8	86.5	140.3	857.5	2547.4	2547.4	857.5	140.3	86.5	42.8	13.0	3.2	0.7			
-20		3.1	10.9	25.3	64.4	91.4	138.2	290.0	290.0	138.2	91.4	64.4	25.3	10.9	3.1				
-30	0.6	2.8	8.8	17.6	39.4	75.4	96.0	103.2	103.2	96.0	75.4	39.4	17.6	8.8	2.8	0.6			
-40		1.9	6.5	14.1	23.8	38.6	62.6	81.5	81.5	62.6	38.6	23.8	14.1	6.5	1.9				
-50	0.4	0.9	3.8	8.9	16.1	23.5	29.0	32.3	32.3	29.0	23.5	16.1	8.9	3.8	0.9	0.4			
-60		0.4	1.3	3.7	7.2	11.1	15.0	17.5	17.5	15.0	11.1	7.2	3.7	1.3	0.4				
-70	0.3	1.2		3.3		8.2		12.8		8.2		3.3		1.2		0.3			
-80		1.2		3.3		8.2		12.8		8.2		3.3		1.2					
-90	0.3	1.2		3.3		8.2		12.8		8.2		3.3		1.2		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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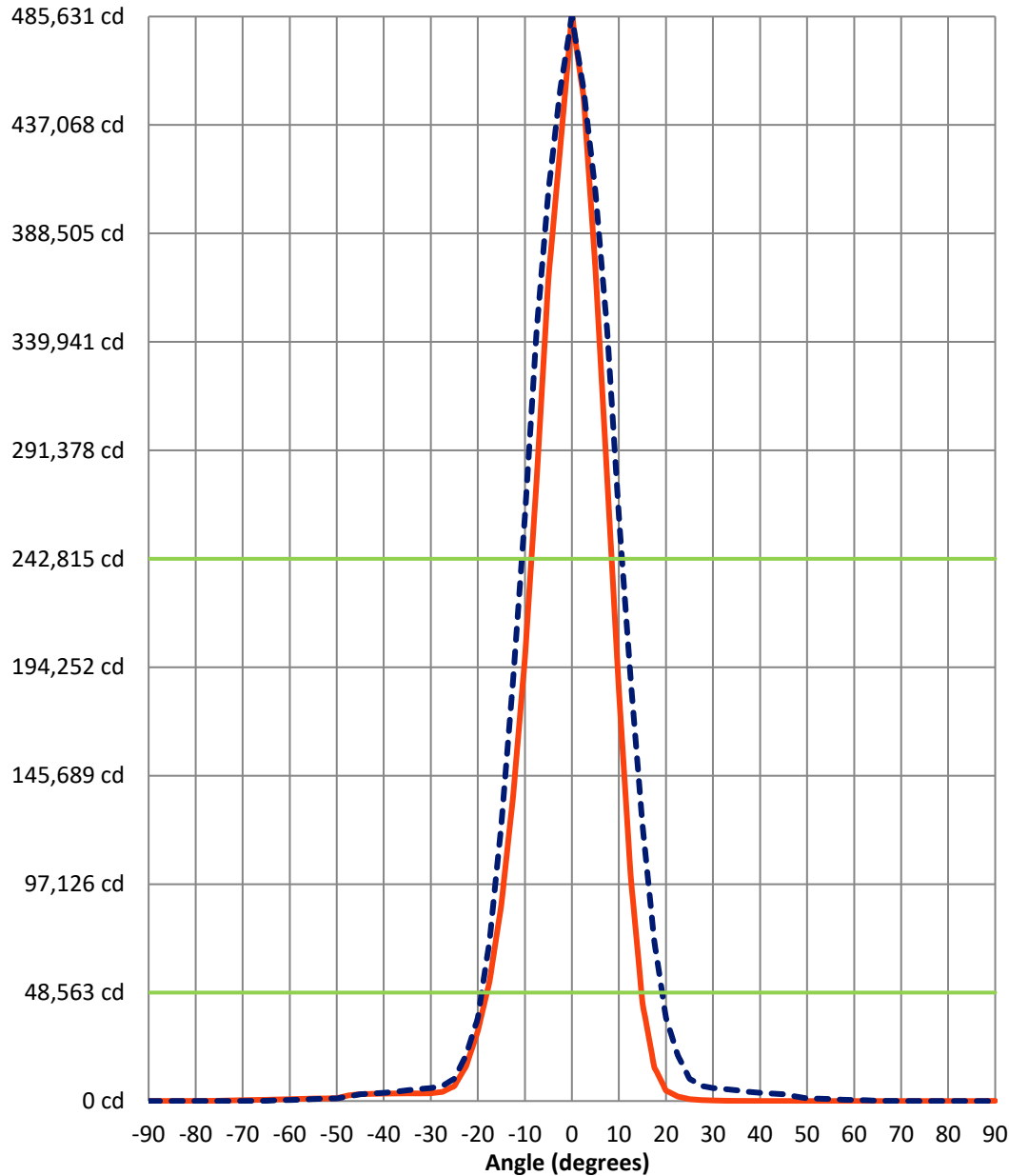
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 21.3°  
 V Angle: 17°  
 Lumens: 28665.1  
 Efficiency: 43.8%

**Field:**  
 H Angle: 38.4°  
 V Angle: 32.9°  
 Lumens: 55483.3  
 Efficiency: 84.7%

**Spill:**  
 Lumens: 10018.3  
 Efficiency: 15.3%

— 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°	8.1	8.1	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.8	7.4	7.2	6.9
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.9	7.8	7.8	7.8
82.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
75°	8.1	8.1	8.1	8.1	8.1	8.3	8.2	8.1	8.1	8.1	8.1
72.5°	8.1	8.1	8.1	8.1	8.3	8.4	8.2	8.1	8.1	8.1	8.1
70°	8.1	8.1	8.1	8.1	8.5	8.6	8.3	8.1	8.1	8.1	8.2
67.5°	8.1	8.1	8.1	8.3	8.7	8.7	8.3	8.1	8.1	8.4	8.3
65°	8.1	8.1	8.1	8.5	8.9	8.8	8.4	8.1	8.5	8.7	8.5
62.5°	8.1	8.1	8.1	8.7	9.1	8.9	8.4	8.5	9.0	9.1	8.6
60°	8.1	8.1	8.1	8.9	9.4	8.9	8.5	9.0	9.5	9.2	8.7
57.5°	8.1	8.1	8.2	9.2	9.4	9.0	8.9	9.6	9.7	9.2	9.3
55°	8.1	8.1	8.4	9.4	9.5	9.0	9.5	10.1	9.8	9.5	10.1
52.5°	8.1	8.1	8.5	9.6	9.5	9.2	10.0	10.3	9.9	10.2	11.0
50°	8.1	8.1	8.7	9.8	9.6	9.6	10.4	10.5	10.1	11.0	12.6
47.5°	8.1	8.1	8.8	10.0	9.6	10.0	10.9	10.7	10.8	11.7	14.1
45°	8.1	8.1	8.9	10.0	9.7	10.4	11.1	11.0	11.5	12.6	15.3
42.5°	8.1	8.1	9.0	10.1	9.7	10.7	11.4	11.5	12.3	13.3	16.8
40°	8.1	8.1	9.2	10.1	9.9	11.1	11.7	12.2	13.1	13.8	18.4
37.5°	8.1	8.1	9.3	10.2	10.2	11.5	12.1	12.8	14.0	15.2	19.7
35°	8.1	8.1	9.4	10.2	10.5	11.8	12.5	13.4	15.1	17.4	20.4
32.5°	8.1	8.1	9.5	10.3	10.8	12.1	12.9	14.1	16.2	19.6	22.1
30°	8.1	8.1	9.6	10.4	11.0	12.4	13.4	14.7	17.5	21.8	24.2
27.5°	8.1	8.1	9.6	10.5	11.3	12.7	13.9	15.7	19.0	24.0	26.6
25°	8.1	8.1	9.7	10.6	11.5	13.0	14.4	16.8	20.8	26.0	29.4
22.5°	8.1	8.1	9.8	10.8	11.6	13.3	14.9	17.8	22.6	28.2	34.9
20°	8.1	8.1	9.9	10.9	11.8	13.5	15.3	18.9	24.3	30.5	41.1
17.5°	8.1	8.1	9.9	11.0	11.9	13.6	15.7	19.9	26.0	32.9	47.7
15°	8.1	8.1	10.0	11.2	12.0	13.8	16.1	20.9	27.6	35.4	54.7
12.5°	8.1	8.1	10.0	11.4	12.0	13.9	16.5	21.6	29.2	37.9	61.8
10°	8.1	8.1	10.0	11.5	12.1	13.9	16.9	22.3	30.8	42.2	70.2
7.5°	8.1	8.1	10.1	11.7	12.1	14.0	17.2	22.9	32.4	46.8	81.4
5°	8.1	8.1	10.1	11.8	12.1	14.1	17.6	23.4	33.8	51.6	92.5
2.5°	8.1	8.1	10.1	12.0	12.1	14.1	17.9	23.8	35.2	56.2	103.2
0°	8.1	8.1	10.1	12.1	12.1	14.1	18.2	24.2	36.4	60.6	113.1
-2.5°	8.1	8.1	10.2	12.2	12.5	14.5	19.8	28.9	45.8	75.0	131.4
-5°	8.1	8.2	10.3	12.3	12.8	15.0	21.3	33.4	54.8	88.7	148.4
-7.5°	8.1	8.2	10.3	12.4	13.2	15.4	22.7	37.6	63.2	101.5	164.0
-10°	8.1	8.3	10.4	12.5	13.5	15.8	23.9	41.3	70.8	113.1	178.0
-12.5°	8.1	8.3	10.4	12.6	13.8	16.1	24.9	44.5	77.4	123.4	189.9
-15°	8.1	8.4	10.5	12.7	14.1	16.4	25.6	46.9	83.2	132.2	199.8
-17.5°	8.1	8.4	10.5	12.7	14.4	16.8	26.1	49.4	88.5	139.6	207.5
-20°	8.1	8.4	10.5	12.8	14.6	17.0	26.6	51.6	92.5	145.4	212.9



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 CATALOG NUMBER: EPH-08-680N-50-70-2S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.1	8.5	10.6	12.8	14.8	17.3	27.2	52.7	95.0	149.5	215.9
-25°	8.1	8.5	10.6	12.8	14.9	17.7	27.4	52.6	96.0	151.9	216.4
-27.5°	8.1	8.5	10.6	12.8	15.0	18.0	26.9	51.3	95.3	152.7	218.3
-30°	8.1	8.5	10.6	12.8	15.1	18.2	25.9	48.6	93.6	151.6	218.0
-32.5°	8.1	8.6	10.5	12.8	15.2	18.3	24.2	46.9	90.5	148.3	215.4
-35°	8.1	8.6	10.5	12.7	15.2	18.3	23.7	44.9	85.4	142.7	210.4
-37.5°	8.1	8.6	10.5	12.7	15.2	18.2	23.6	42.0	78.3	134.8	195.5
-40°	8.1	8.6	10.5	12.6	15.1	18.2	23.4	38.1	69.3	125.0	178.4
-42.5°	8.1	8.6	10.4	12.6	15.1	18.1	22.9	33.3	62.1	109.3	159.4
-45°	8.1	8.6	10.3	12.5	15.0	18.0	22.2	29.7	55.5	91.9	139.0
-47.5°	8.1	8.6	10.3	12.4	14.8	17.8	21.3	28.6	47.5	73.6	118.3
-50°	8.1	8.6	10.2	12.2	14.6	17.5	20.9	27.2	37.5	62.3	96.4
-52.5°	8.1	8.6	10.1	12.1	14.4	17.2	20.5	25.5	32.6	50.4	74.4
-55°	8.1	8.6	10.0	11.9	14.2	16.9	20.1	23.7	30.0	38.0	60.5
-57.5°	8.1	8.6	9.9	11.8	13.9	16.5	19.5	23.0	27.3	32.8	45.9
-60°	8.1	8.5	9.8	11.6	13.6	16.0	18.9	22.1	24.9	29.9	34.7
-62.5°	8.1	8.5	9.7	11.3	13.2	15.6	18.3	21.1	23.7	27.0	31.6
-65°	8.1	8.5	9.6	11.1	12.9	15.0	17.6	20.1	22.4	25.1	28.4
-67.5°	8.1	8.5	9.5	10.8	12.5	14.5	16.8	19.1	21.0	23.3	26.0
-70°	8.1	8.4	9.4	10.6	12.0	13.8	16.0	18.1	20.0	21.5	23.8
-72.5°	8.1	8.4	9.2	10.3	11.6	13.2	15.1	17.2	19.0	20.6	21.8
-75°	8.1	8.3	9.1	10.1	11.1	12.5	14.1	16.1	18.0	19.6	21.0
-77.5°	8.1	8.3	8.9	9.9	10.8	11.8	13.2	15.0	16.8	18.6	20.2
-80°	8.1	8.3	8.8	9.6	10.5	11.3	12.2	13.8	15.5	17.2	18.8
-82.5°	8.1	8.2	8.6	9.4	10.1	10.9	11.6	12.8	14.2	15.7	17.2
-85°	8.1	8.2	8.4	9.1	9.8	10.5	11.1	12.1	13.2	14.3	15.5
-87.5°	8.1	8.1	8.3	8.9	9.4	10.0	10.6	11.4	12.1	13.0	13.8
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	7.6	7.1	6.6	6.1



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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°	12.1	12.1	12.1	12.1	12.6	13.1	13.6	14.1	14.6	15.1	15.7
87.5°	6.8	6.6	6.4	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.5
85°	7.5	7.1	6.7	6.4	6.4	6.4	6.3	6.1	5.8	5.6	5.5
82.5°	7.8	7.6	7.5	7.5	7.4	7.1	6.6	6.1	6.1	6.1	6.1
80°	8.0	8.1	8.1	8.1	7.7	7.2	6.7	6.2	6.1	6.2	6.2
77.5°	8.1	8.1	8.1	8.1	7.7	7.4	7.2	7.2	7.2	7.0	6.7
75°	8.1	8.1	8.1	8.1	8.0	8.0	8.1	8.1	7.9	7.8	7.8
72.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	9.8	12.0	13.5
70°	8.1	8.1	8.1	8.1	8.1	8.8	11.8	15.7	19.6	21.9	24.5
67.5°	8.1	8.1	8.1	8.5	10.5	13.8	18.3	26.8	36.5	39.3	39.3
65°	8.1	8.1	9.1	11.1	13.8	20.6	29.9	41.3	49.9	48.5	45.0
62.5°	8.1	9.1	10.9	14.4	20.1	28.6	37.3	45.5	54.0	51.7	44.0
60°	8.9	10.2	13.9	19.7	25.7	31.6	40.0	45.2	49.8	50.0	38.6
57.5°	9.9	12.5	18.1	24.0	28.7	32.5	36.0	40.1	41.5	40.6	29.6
55°	11.5	15.7	21.6	27.0	30.1	28.5	30.1	31.0	30.5	27.8	19.4
52.5°	14.1	18.7	24.6	28.9	29.0	25.4	22.6	22.7	20.6	16.9	14.4
50°	16.3	21.7	27.3	29.6	27.5	21.9	17.1	16.5	15.2	13.5	12.1
47.5°	18.5	24.3	29.4	30.1	24.6	20.0	15.8	14.3	13.5	13.2	12.6
45°	20.7	26.0	31.2	27.9	23.2	19.8	17.0	14.0	14.4	14.3	13.7
42.5°	22.6	27.0	29.4	26.0	23.7	21.4	19.3	17.3	16.2	16.5	16.4
40°	23.3	27.6	28.0	27.4	25.2	24.4	24.1	22.5	19.2	20.7	21.1
37.5°	23.6	27.3	28.7	30.9	28.5	29.2	30.1	30.6	28.2	26.7	30.7
35°	23.5	27.8	33.6	36.8	35.1	35.9	39.5	40.9	40.0	39.3	46.6
32.5°	24.0	29.3	40.3	44.0	46.4	47.6	50.6	53.5	56.3	60.8	74.7
30°	26.8	35.6	48.2	52.4	60.3	69.0	66.8	68.3	75.7	103.1	126.9
27.5°	32.7	44.1	56.2	64.9	78.0	96.4	99.3	91.2	115.1	157.0	196.0
25°	39.8	71.1	64.9	80.0	104.8	129.6	141.0	146.4	174.6	231.0	274.9
22.5°	54.7	107.1	104.5	96.5	135.7	168.1	196.4	252.9	332.2	350.0	359.3
20°	81.0	142.7	152.9	160.9	182.1	211.4	260.5	395.5	564.3	626.4	561.9
17.5°	112.2	181.7	206.9	243.9	292.3	301.6	342.1	565.7	856.0	957.3	976.9
15°	147.2	223.5	264.4	336.9	410.2	445.2	563.1	841.0	1175.2	1340.7	1455.4
12.5°	184.8	267.4	324.4	437.4	534.4	589.7	841.4	1264.9	1585.7	1779.0	2081.6
10°	223.7	312.5	386.0	542.9	662.9	734.1	1148.6	1702.7	2026.0	2245.8	2635.1
7.5°	264.2	356.0	447.0	650.7	793.7	877.8	1472.1	2144.4	2454.8	2694.3	3086.4
5°	303.0	396.2	501.5	741.4	902.2	1002.0	1771.9	2577.9	2871.2	3125.2	3476.4
2.5°	338.7	434.6	554.2	824.8	993.1	1095.9	1942.5	2825.5	3136.5	3438.9	3823.6
0°	369.8	470.8	604.1	901.1	1078.9	1186.0	2081.1	3040.8	3362.1	3691.4	4152.1
-2.5°	374.4	481.7	619.6	894.1	1062.9	1172.1	2044.8	3007.6	3398.2	3782.6	4263.5
-5°	374.0	489.7	631.0	880.1	1042.1	1154.1	1973.7	2931.7	3385.1	3766.2	4217.8
-7.5°	369.7	494.5	637.9	859.4	1010.0	1113.7	1836.9	2745.1	3220.4	3556.2	3990.1
-10°	362.4	492.8	628.3	824.1	964.3	1059.1	1662.2	2524.7	3047.2	3341.7	3727.5
-12.5°	352.9	485.8	613.3	786.5	919.6	1003.2	1459.5	2274.9	2869.9	3128.7	3444.4
-15°	342.0	477.0	595.6	747.8	877.7	946.8	1231.0	1999.5	2694.9	2963.6	3210.8
-17.5°	330.5	466.6	575.5	709.5	840.1	890.7	984.5	1699.1	2445.8	2783.9	3034.4
-20°	319.0	454.9	553.3	672.7	804.5	853.7	914.5	1410.2	2083.4	2576.4	2841.5



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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°	308.2	442.2	532.5	642.5	764.5	833.6	880.4	1127.8	1700.9	2344.4	2635.4
-25°	304.0	423.4	515.2	614.5	726.4	814.9	848.8	890.3	1352.3	1969.1	2426.7
-27.5°	303.1	407.5	496.0	584.2	688.6	790.7	826.2	856.7	1092.2	1592.1	2185.3
-30°	299.0	386.1	474.6	554.2	652.2	747.9	808.6	842.4	895.4	1281.7	1775.5
-32.5°	285.9	363.3	449.4	528.6	614.6	706.9	794.1	835.6	879.0	985.3	1399.0
-35°	268.9	342.5	422.4	500.6	575.9	666.9	756.5	830.1	862.8	912.2	1084.7
-37.5°	252.9	319.5	394.7	470.5	543.3	625.5	716.3	798.7	855.9	894.2	955.8
-40°	234.8	294.4	367.0	439.6	509.6	584.3	668.5	753.9	831.1	896.9	944.3
-42.5°	214.5	272.0	337.3	407.5	473.3	543.9	618.5	701.2	788.7	878.9	946.0
-45°	191.5	247.4	306.3	370.0	433.8	500.2	570.7	644.8	733.6	825.6	915.2
-47.5°	166.5	220.3	276.1	330.1	390.6	453.1	519.0	591.5	670.0	757.2	849.3
-50°	140.3	190.3	242.5	292.2	344.7	402.9	463.8	533.2	606.4	682.7	765.3
-52.5°	114.7	158.2	206.5	254.4	300.9	350.6	407.6	470.0	537.4	607.9	676.9
-55°	87.8	127.5	168.8	214.0	258.9	301.9	349.5	405.6	463.4	527.3	588.5
-57.5°	67.4	96.3	132.8	171.5	213.7	256.0	298.7	341.2	391.9	445.1	495.4
-60°	50.5	70.5	97.7	131.4	166.3	206.0	248.0	288.0	326.8	363.6	407.0
-62.5°	35.7	51.4	69.6	92.3	123.1	154.7	190.8	229.2	268.5	300.3	329.4
-65°	32.4	35.9	48.2	64.7	81.1	108.8	137.6	166.2	199.7	230.4	259.2
-67.5°	29.0	32.3	35.4	41.1	55.9	71.8	87.8	113.0	138.0	160.1	181.9
-70°	26.4	28.7	31.4	34.2	37.3	44.0	58.0	71.9	85.9	102.1	121.4
-72.5°	23.9	26.2	28.2	29.9	32.6	35.8	39.2	42.8	50.8	62.0	73.5
-75°	22.2	23.8	25.8	27.7	29.2	31.0	33.2	36.1	38.9	41.3	43.5
-77.5°	21.0	22.0	23.4	25.2	26.4	27.4	28.7	30.3	32.3	34.4	36.7
-80°	19.6	20.2	20.9	21.9	22.8	23.6	24.4	25.2	26.3	27.7	29.3
-82.5°	17.7	18.2	18.6	19.1	19.4	19.8	20.3	20.9	21.6	22.3	23.1
-85°	15.9	16.2	16.5	16.8	16.7	16.6	16.6	16.6	17.0	17.3	17.7
-87.5°	14.0	14.1	14.3	14.5	14.5	14.4	14.3	14.1	14.2	14.3	14.4
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	5.6	5.1	4.5



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	16.2	16.2	16.2	16.2	16.2	21.7	27.3	32.8	38.4	48.0	57.6
87.5°	4.0	4.0	4.0	4.0	4.0	3.5	3.0	2.5	2.0	2.0	2.0
85°	5.3	5.1	4.8	4.4	4.0	3.9	3.9	3.9	3.9	3.4	3.0
82.5°	6.1	5.6	5.1	4.6	4.0	3.6	3.2	2.7	2.2	2.1	2.0
80°	6.1	5.7	5.1	4.6	4.1	3.9	3.8	3.7	3.7	3.8	3.9
77.5°	6.4	6.0	5.5	4.9	4.2	4.0	4.0	4.0	4.0	3.6	3.1
75°	7.9	7.8	7.6	7.0	6.2	5.8	5.5	4.9	4.2	3.9	3.9
72.5°	14.3	14.2	13.5	12.7	11.2	10.2	9.8	9.4	8.9	8.7	8.6
70°	25.4	25.0	23.5	20.7	16.9	14.3	13.2	12.0	10.6	10.0	10.0
67.5°	35.7	31.7	28.0	24.0	19.3	15.6	13.8	11.8	9.6	8.5	8.4
65°	39.6	31.7	26.2	21.9	18.4	15.1	12.4	10.0	7.8	6.8	7.1
62.5°	35.7	26.3	20.5	16.7	13.8	11.7	9.6	8.0	6.8	6.2	6.2
60°	28.3	19.2	14.1	11.8	9.8	8.2	7.2	6.3	5.4	4.7	5.0
57.5°	20.5	13.7	10.0	9.2	8.1	6.7	5.8	5.5	5.3	5.4	5.8
55°	13.9	11.4	10.1	9.1	8.0	6.8	6.1	6.1	6.1	6.1	6.1
52.5°	11.5	10.9	10.3	9.4	8.3	7.1	6.1	6.1	6.1	6.1	6.1
50°	11.6	11.0	10.5	9.8	8.6	7.5	6.3	6.3	6.8	7.2	7.2
47.5°	11.8	11.3	10.9	10.2	9.2	8.7	8.1	8.3	9.0	9.3	9.2
45°	12.4	12.4	12.3	12.2	11.3	11.5	11.6	11.8	14.3	14.2	12.5
42.5°	15.2	16.1	17.0	17.5	15.1	19.6	26.6	29.7	26.1	21.1	17.8
40°	22.8	23.9	28.6	31.0	38.2	44.9	38.7	31.4	28.1	30.5	32.3
37.5°	36.3	43.1	52.5	63.4	59.0	47.0	47.3	47.2	46.0	50.0	49.8
35°	60.8	76.2	85.6	83.6	77.3	73.8	77.1	80.6	72.8	79.8	81.6
32.5°	97.9	116.4	118.9	112.5	112.9	119.0	130.1	128.6	131.0	139.0	148.1
30°	141.3	163.3	171.8	160.2	151.9	166.5	172.8	178.3	196.2	219.7	240.7
27.5°	212.8	228.8	243.4	231.2	207.1	225.2	238.0	234.2	283.5	309.9	368.9
25°	302.4	325.2	333.5	337.9	329.8	326.4	358.4	374.6	442.8	515.1	637.9
22.5°	412.9	475.0	492.6	469.6	495.4	513.6	535.2	608.2	744.5	966.2	1282.9
20°	553.2	679.9	781.9	765.5	704.7	782.4	870.3	1100.4	1498.7	2394.3	3127.3
17.5°	997.3	999.5	1203.3	1285.3	1185.2	1353.7	1785.4	2533.8	4180.3	7201.3	9160.0
15°	1683.5	1728.8	1822.6	1932.4	2112.7	2552.8	3422.5	6558.9	11282.3	17817.4	24523.4
12.5°	2410.9	2513.3	2673.8	2763.7	3131.5	4309.4	8039.6	14907.5	24877.5	37458.5	58328.2
10°	3036.0	3308.6	3515.4	3796.4	4745.3	7512.0	13948.8	25815.8	45913.1	73056.1	105135.8
7.5°	3478.0	3877.0	4226.7	4755.0	6725.6	12302.7	23098.5	42840.6	73196.4	111527.7	155749.6
5°	3922.6	4427.5	4819.5	5515.8	7990.3	15896.1	30262.5	58792.6	102625.8	154806.8	213949.0
2.5°	4374.3	4941.8	5373.8	6235.4	8799.3	17718.1	33897.0	68312.6	122085.8	185622.6	257425.7
0°	4829.0	5366.4	5821.1	6794.9	10056.0	20584.8	37320.6	71945.9	123899.0	188755.0	261638.3
-2.5°	4808.0	5162.9	5579.2	6333.9	9172.8	18949.3	34688.2	67993.8	117290.9	177448.1	243542.4
-5°	4625.1	4874.5	5204.3	5871.3	8206.3	15795.1	30000.8	58121.7	103594.0	158708.4	215678.2
-7.5°	4341.1	4550.3	4796.9	5347.4	7092.1	12571.6	24267.3	46616.6	82178.7	122108.6	165793.8
-10°	4068.7	4230.1	4405.2	4786.8	5907.9	9213.9	17216.0	31587.5	57205.5	87077.3	120322.1
-12.5°	3817.6	3946.3	4039.3	4200.7	4759.2	6673.8	12378.2	22655.5	37372.6	55876.7	80401.4
-15°	3561.8	3670.9	3718.9	3848.4	4213.7	5161.3	7460.8	13925.7	23362.7	35312.3	47747.4
-17.5°	3287.0	3416.6	3489.0	3572.2	3731.4	4123.9	5392.7	8111.0	13816.4	21838.7	29847.9
-20°	3061.1	3213.7	3275.8	3333.6	3480.3	3710.9	4073.1	5295.5	7379.5	12375.8	17356.2



REPORT NUMBER: P1306331 (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°	2842.9	2980.4	3061.2	3185.2	3375.0	3534.6	3653.4	3944.5	4810.1	6173.5	8607.4
-25°	2644.3	2763.4	2922.9	3161.0	3346.8	3461.0	3483.3	3495.7	3742.4	4013.1	4834.9
-27.5°	2444.5	2613.2	2850.7	3119.3	3340.1	3395.7	3398.7	3394.4	3453.3	3494.3	3698.8
-30°	2266.4	2487.4	2711.5	2998.4	3213.2	3303.7	3342.0	3368.4	3398.6	3436.0	3449.6
-32.5°	1903.5	2355.0	2536.5	2766.2	3037.0	3180.0	3251.9	3313.3	3346.7	3379.3	3405.1
-35°	1504.9	1981.3	2414.5	2562.9	2755.1	2997.3	3177.8	3251.3	3313.0	3347.9	3380.5
-37.5°	1131.8	1540.3	1961.4	2356.0	2552.2	2723.5	2954.1	3133.8	3247.2	3292.0	3331.2
-40°	997.3	1103.4	1475.4	1837.4	2183.0	2509.5	2701.2	2918.2	3091.6	3179.4	3247.4
-42.5°	992.2	1031.2	1069.1	1323.3	1644.4	1959.2	2256.7	2535.3	2792.4	2967.2	3096.8
-45°	991.1	1018.9	1050.6	1088.6	1126.9	1372.5	1647.6	1924.1	2206.2	2470.9	2708.2
-47.5°	926.7	995.8	1033.8	1064.1	1089.5	1122.0	1159.0	1228.9	1458.6	1690.0	1922.0
-50°	838.3	907.4	970.6	1031.1	1061.9	1082.9	1103.2	1126.2	1155.1	1184.3	1214.0
-52.5°	739.4	805.0	869.4	927.2	976.9	1024.7	1070.1	1090.9	1106.3	1120.5	1132.6
-55°	647.0	703.4	757.9	809.1	858.6	905.4	947.9	984.3	1017.9	1048.6	1072.5
-57.5°	549.2	602.7	653.4	696.4	737.6	776.6	814.2	849.2	880.8	908.7	932.1
-60°	450.8	494.9	539.4	580.5	619.6	656.5	687.7	716.4	742.7	766.8	788.8
-62.5°	358.3	392.6	430.3	464.8	495.7	525.8	559.0	587.8	612.1	633.4	653.3
-65°	285.7	310.2	337.3	363.4	388.5	417.1	448.5	475.9	499.6	519.4	536.3
-67.5°	206.4	230.3	256.2	279.8	301.7	325.5	354.4	381.5	407.0	427.6	444.1
-70°	139.0	156.0	175.5	196.5	217.6	240.1	265.3	289.9	313.6	332.5	348.2
-72.5°	85.3	96.5	107.6	121.7	136.3	153.5	172.9	192.5	212.1	228.1	241.8
-75°	45.5	49.3	57.7	65.7	73.3	82.8	92.8	102.1	110.6	118.5	125.6
-77.5°	38.8	40.5	41.9	43.2	44.5	48.4	53.2	58.2	63.3	68.6	73.9
-80°	30.9	32.2	33.4	34.6	35.8	38.8	42.0	45.2	48.3	51.9	55.4
-82.5°	23.9	24.5	25.0	25.5	26.0	28.2	30.6	32.9	35.3	38.1	40.9
-85°	18.0	18.3	18.6	18.8	19.1	20.8	22.6	24.3	26.0	29.1	32.1
-87.5°	14.5	14.4	14.4	14.3	14.3	16.5	18.7	20.7	22.7	25.3	27.7
-90°	4.0	4.0	4.0	4.0	4.0	3.5	3.0	2.5	2.0	1.5	1.0



REPORT NUMBER: P1306331 (CONVERTED FROM TYPE C PHOTOMETRY)  
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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°	67.2	76.8	81.8	86.9	81.8	76.8	67.2	57.6	48.0	38.4	32.8
87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5
85°	2.5	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.4	3.9	3.9
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.7
80°	3.9	4.0	3.0	2.0	3.0	4.0	3.9	3.9	3.8	3.7	3.7
77.5°	2.6	2.1	3.0	4.0	3.0	2.1	2.6	3.1	3.6	4.0	4.0
75°	3.9	4.0	4.0	4.0	4.0	4.0	3.9	3.9	3.9	4.2	4.9
72.5°	8.4	8.0	8.1	8.1	8.1	8.0	8.4	8.6	8.7	8.9	9.4
70°	10.0	10.0	10.1	10.1	10.1	10.0	10.0	10.0	10.0	10.6	12.0
67.5°	8.3	8.2	7.2	6.1	7.2	8.2	8.3	8.4	8.5	9.6	11.8
65°	7.5	8.0	7.2	6.1	7.2	8.0	7.5	7.1	6.8	7.8	10.0
62.5°	6.2	6.2	6.1	6.1	6.1	6.2	6.2	6.2	6.2	6.8	8.0
60°	5.4	5.9	6.1	6.1	6.1	5.9	5.4	5.0	4.7	5.4	6.3
57.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	5.8	5.4	5.3	5.5
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°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
50°	6.9	6.4	6.1	6.1	6.1	6.4	6.9	7.2	7.2	6.8	6.3
47.5°	8.8	8.3	8.1	8.1	8.1	8.3	8.8	9.2	9.3	9.0	8.3
45°	12.4	12.2	12.0	12.1	12.0	12.2	12.4	12.5	14.2	14.3	11.8
42.5°	18.1	18.1	18.1	18.2	18.1	18.1	18.1	17.8	21.1	26.1	29.7
40°	33.9	34.2	33.4	32.3	33.4	34.2	33.9	32.3	30.5	28.1	31.4
37.5°	49.7	50.0	50.0	50.5	50.0	50.0	49.7	49.8	50.0	46.0	47.2
35°	80.5	78.5	74.0	74.8	74.0	78.5	80.5	81.6	79.8	72.8	80.6
32.5°	154.0	151.9	143.4	149.5	143.4	151.9	154.0	148.1	139.0	131.0	128.6
30°	259.1	269.4	273.8	272.8	273.8	269.4	259.1	240.7	219.7	196.2	178.3
27.5°	399.1	421.8	436.1	444.5	436.1	421.8	399.1	368.9	309.9	283.5	234.2
25°	726.1	782.4	814.2	856.7	814.2	782.4	726.1	637.9	515.1	442.8	374.6
22.5°	1623.5	1827.2	1956.8	2048.8	1956.8	1827.2	1623.5	1282.9	966.2	744.5	608.2
20°	4212.1	4195.4	4533.1	4715.8	4533.1	4195.4	4212.1	3127.3	2394.3	1498.7	1100.4
17.5°	13185.2	15280.6	15812.3	15357.8	15812.3	15280.6	13185.2	9160.0	7201.3	4180.3	2533.8
15°	33891.7	40890.9	44134.5	44089.3	44134.5	40890.9	33891.7	24523.4	17817.4	11282.3	6558.9
12.5°	73082.8	86600.5	95426.8	100766.3	95426.8	86600.5	73082.8	58328.2	37458.5	24877.5	14907.5
10°	132628.5	155785.1	174250.9	183527.9	174250.9	155785.1	132628.5	105135.8	73056.1	45913.1	25815.8
7.5°	196552.7	234020.5	265657.7	278790.4	265657.7	234020.5	196552.7	155749.6	111527.7	73196.4	42840.6
5°	270607.8	330225.0	359834.9	372594.0	359834.9	330225.0	270607.8	213949.0	154806.8	102625.8	58792.6
2.5°	332563.2	392009.6	433395.7	449124.4	433395.7	392009.6	332563.2	257425.7	185622.6	122085.8	68312.6
0°	344964.7	407110.1	452659.3	485630.7	452659.3	407110.1	344964.7	261638.3	188755.0	123899.0	71945.9
-2.5°	318624.4	379346.2	412628.3	426572.6	412628.3	379346.2	318624.4	243542.4	177448.1	117290.9	67993.8
-5°	276991.6	330885.2	361655.7	367835.7	361655.7	330885.2	276991.6	215678.2	158708.4	103594.0	58121.7
-7.5°	211671.4	248978.5	273248.7	278147.8	273248.7	248978.5	211671.4	165793.8	122108.6	82178.7	46616.6
-10°	153936.6	180835.1	196421.2	198107.8	196421.2	180835.1	153936.6	120322.1	87077.3	57205.5	31587.5
-12.5°	102853.0	123929.6	134952.9	136546.3	134952.9	123929.6	102853.0	80401.4	55876.7	37372.6	22655.5
-15°	64452.5	78161.9	86257.9	88012.9	86257.9	78161.9	64452.5	47747.4	35312.3	23362.7	13925.7
-17.5°	39712.5	46647.0	50893.6	53700.8	50893.6	46647.0	39712.5	29847.9	21838.7	13816.4	8111.0
-20°	23220.6	27717.4	30240.9	31388.4	30240.9	27717.4	23220.6	17356.2	12375.8	7379.5	5295.5



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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°	11657.7	13876.3	15387.3	15616.4	15387.3	13876.3	11657.7	8607.4	6173.5	4810.1	3944.5
-25°	5653.8	6271.7	6695.8	6720.2	6695.8	6271.7	5653.8	4834.9	4013.1	3742.4	3495.7
-27.5°	3866.0	3994.5	4077.6	4125.9	4077.6	3994.5	3866.0	3698.8	3494.3	3453.3	3394.4
-30°	3463.9	3483.1	3494.9	3479.3	3494.9	3483.1	3463.9	3449.6	3436.0	3398.6	3368.4
-32.5°	3413.8	3422.8	3429.1	3418.7	3429.1	3422.8	3413.8	3405.1	3379.3	3346.7	3313.3
-35°	3409.8	3434.8	3454.3	3449.0	3454.3	3434.8	3409.8	3380.5	3347.9	3313.0	3251.3
-37.5°	3359.8	3381.7	3396.4	3396.5	3396.4	3381.7	3359.8	3331.2	3292.0	3247.2	3133.8
-40°	3285.4	3315.4	3334.0	3333.8	3334.0	3315.4	3285.4	3247.4	3179.4	3091.6	2918.2
-42.5°	3158.6	3200.6	3220.4	3218.7	3220.4	3200.6	3158.6	3096.8	2967.2	2792.4	2535.3
-45°	2886.3	3021.6	3094.2	3101.5	3094.2	3021.6	2886.3	2708.2	2470.9	2206.2	1924.1
-47.5°	2150.7	2359.1	2486.9	2515.5	2486.9	2359.1	2150.7	1922.0	1690.0	1458.6	1228.9
-50°	1243.7	1271.6	1283.4	1279.0	1283.4	1271.6	1243.7	1214.0	1184.3	1155.1	1126.2
-52.5°	1144.3	1155.5	1164.0	1169.9	1164.0	1155.5	1144.3	1132.6	1120.5	1106.3	1090.9
-55°	1092.0	1107.1	1116.7	1121.4	1116.7	1107.1	1092.0	1072.5	1048.6	1017.9	984.3
-57.5°	951.3	966.3	974.7	977.9	974.7	966.3	951.3	932.1	908.7	880.8	849.2
-60°	807.1	821.8	830.4	834.5	830.4	821.8	807.1	788.8	766.8	742.7	716.4
-62.5°	670.1	684.0	692.3	697.1	692.3	684.0	670.1	653.3	633.4	612.1	587.8
-65°	551.4	564.5	571.6	575.8	571.6	564.5	551.4	536.3	519.4	499.6	475.9
-67.5°	458.9	472.0	480.5	486.9	480.5	472.0	458.9	444.1	427.6	407.0	381.5
-70°	362.5	375.3	380.0	381.9	380.0	375.3	362.5	348.2	332.5	313.6	289.9
-72.5°	253.9	264.6	271.7	276.8	271.7	264.6	253.9	241.8	228.1	212.1	192.5
-75°	132.1	137.8	142.0	145.5	142.0	137.8	132.1	125.6	118.5	110.6	102.1
-77.5°	79.1	84.3	86.7	88.9	86.7	84.3	79.1	73.9	68.6	63.3	58.2
-80°	58.9	62.3	63.6	64.7	63.6	62.3	58.9	55.4	51.9	48.3	45.2
-82.5°	43.7	46.4	47.5	48.5	47.5	46.4	43.7	40.9	38.1	35.3	32.9
-85°	35.2	38.3	39.4	40.4	39.4	38.3	35.2	32.1	29.1	26.0	24.3
-87.5°	30.1	32.5	34.4	36.4	34.4	32.5	30.1	27.7	25.3	22.7	20.7
-90°	0.5	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0	2.5



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	27.3	21.7	16.2	16.2	16.2	16.2	16.2	15.7	15.1	14.6	14.1
87.5°	3.0	3.5	4.0	4.0	4.0	4.0	4.0	4.5	5.1	5.6	6.1
85°	3.9	3.9	4.0	4.4	4.8	5.1	5.3	5.5	5.6	5.8	6.1
82.5°	3.2	3.6	4.0	4.6	5.1	5.6	6.1	6.1	6.1	6.1	6.1
80°	3.8	3.9	4.1	4.6	5.1	5.7	6.1	6.2	6.2	6.1	6.2
77.5°	4.0	4.0	4.2	4.9	5.5	6.0	6.4	6.7	7.0	7.2	7.2
75°	5.5	5.8	6.2	7.0	7.6	7.8	7.9	7.8	7.8	7.9	8.1
72.5°	9.8	10.2	11.2	12.7	13.5	14.2	14.3	13.5	12.0	9.8	8.1
70°	13.2	14.3	16.9	20.7	23.5	25.0	25.4	24.5	21.9	19.6	15.7
67.5°	13.8	15.6	19.3	24.0	28.0	31.7	35.7	39.3	39.3	36.5	26.8
65°	12.4	15.1	18.4	21.9	26.2	31.7	39.6	45.0	48.5	49.9	41.3
62.5°	9.6	11.7	13.8	16.7	20.5	26.3	35.7	44.0	51.7	54.0	45.5
60°	7.2	8.2	9.8	11.8	14.1	19.2	28.3	38.6	50.0	49.8	45.2
57.5°	5.8	6.7	8.1	9.2	10.0	13.7	20.5	29.6	40.6	41.5	40.1
55°	6.1	6.8	8.0	9.1	10.1	11.4	13.9	19.4	27.8	30.5	31.0
52.5°	6.1	7.1	8.3	9.4	10.3	10.9	11.5	14.4	16.9	20.6	22.7
50°	6.3	7.5	8.6	9.8	10.5	11.0	11.6	12.1	13.5	15.2	16.5
47.5°	8.1	8.7	9.2	10.2	10.9	11.3	11.8	12.6	13.2	13.5	14.3
45°	11.6	11.5	11.3	12.2	12.3	12.4	12.4	13.7	14.3	14.4	14.0
42.5°	26.6	19.6	15.1	17.5	17.0	16.1	15.2	16.4	16.5	16.2	17.3
40°	38.7	44.9	38.2	31.0	28.6	23.9	22.8	21.1	20.7	19.2	22.5
37.5°	47.3	47.0	59.0	63.4	52.5	43.1	36.3	30.7	26.7	28.2	30.6
35°	77.1	73.8	77.3	83.6	85.6	76.2	60.8	46.6	39.3	40.0	40.9
32.5°	130.1	119.0	112.9	112.5	118.9	116.4	97.9	74.7	60.8	56.3	53.5
30°	172.8	166.5	151.9	160.2	171.8	163.3	141.3	126.9	103.1	75.7	68.3
27.5°	238.0	225.2	207.1	231.2	243.4	228.8	212.8	196.0	157.0	115.1	91.2
25°	358.4	326.4	329.8	337.9	333.5	325.2	302.4	274.9	231.0	174.6	146.4
22.5°	535.2	513.6	495.4	469.6	492.6	475.0	412.9	359.3	350.0	332.2	252.9
20°	870.3	782.4	704.7	765.5	781.9	679.9	553.2	561.9	626.4	564.3	395.5
17.5°	1785.4	1353.7	1185.2	1285.3	1203.3	999.5	997.3	976.9	957.3	856.0	565.7
15°	3422.5	2552.8	2112.7	1932.4	1822.6	1728.8	1683.5	1455.4	1340.7	1175.2	841.0
12.5°	8039.6	4309.4	3131.5	2763.7	2673.8	2513.3	2410.9	2081.6	1779.0	1585.7	1264.9
10°	13948.8	7512.0	4745.3	3796.4	3515.4	3308.6	3036.0	2635.1	2245.8	2026.0	1702.7
7.5°	23098.5	12302.7	6725.6	4755.0	4226.7	3877.0	3478.0	3086.4	2694.3	2454.8	2144.4
5°	30262.5	15896.1	7990.3	5515.8	4819.5	4427.5	3922.6	3476.4	3125.2	2871.2	2577.9
2.5°	33897.0	17718.1	8799.3	6235.4	5373.8	4941.8	4374.3	3823.6	3438.9	3136.5	2825.5
0°	37320.6	20584.8	10056.0	6794.9	5821.1	5366.4	4829.0	4152.1	3691.4	3362.1	3040.8
-2.5°	34688.2	18949.3	9172.8	6333.9	5579.2	5162.9	4808.0	4263.5	3782.6	3398.2	3007.6
-5°	30000.8	15795.1	8206.3	5871.3	5204.3	4874.5	4625.1	4217.8	3766.2	3385.1	2931.7
-7.5°	24267.3	12571.6	7092.1	5347.4	4796.9	4550.3	4341.1	3990.1	3556.2	3220.4	2745.1
-10°	17216.0	9213.9	5907.9	4786.8	4405.2	4230.1	4068.7	3727.5	3341.7	3047.2	2524.7
-12.5°	12378.2	6673.8	4759.2	4200.7	4039.3	3946.3	3817.6	3444.4	3128.7	2869.9	2274.9
-15°	7460.8	5161.3	4213.7	3848.4	3718.9	3670.9	3561.8	3210.8	2963.6	2694.9	1999.5
-17.5°	5392.7	4123.9	3731.4	3572.2	3489.0	3416.6	3287.0	3034.4	2783.9	2445.8	1699.1
-20°	4073.1	3710.9	3480.3	3333.6	3275.8	3213.7	3061.1	2841.5	2576.4	2083.4	1410.2



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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°	3653.4	3534.6	3375.0	3185.2	3061.2	2980.4	2842.9	2635.4	2344.4	1700.9	1127.8
-25°	3483.3	3461.0	3346.8	3161.0	2922.9	2763.4	2644.3	2426.7	1969.1	1352.3	890.3
-27.5°	3398.7	3395.7	3340.1	3119.3	2850.7	2613.2	2444.5	2185.3	1592.1	1092.2	856.7
-30°	3342.0	3303.7	3213.2	2998.4	2711.5	2487.4	2266.4	1775.5	1281.7	895.4	842.4
-32.5°	3251.9	3180.0	3037.0	2766.2	2536.5	2355.0	1903.5	1399.0	985.3	879.0	835.6
-35°	3177.8	2997.3	2755.1	2562.9	2414.5	1981.3	1504.9	1084.7	912.2	862.8	830.1
-37.5°	2954.1	2723.5	2552.2	2356.0	1961.4	1540.3	1131.8	955.8	894.2	855.9	798.7
-40°	2701.2	2509.5	2183.0	1837.4	1475.4	1103.4	997.3	944.3	896.9	831.1	753.9
-42.5°	2256.7	1959.2	1644.4	1323.3	1069.1	1031.2	992.2	946.0	878.9	788.7	701.2
-45°	1647.6	1372.5	1126.9	1088.6	1050.6	1018.9	991.1	915.2	825.6	733.6	644.8
-47.5°	1159.0	1122.0	1089.5	1064.1	1033.8	995.8	926.7	849.3	757.2	670.0	591.5
-50°	1103.2	1082.9	1061.9	1031.1	970.6	907.4	838.3	765.3	682.7	606.4	533.2
-52.5°	1070.1	1024.7	976.9	927.2	869.4	805.0	739.4	676.9	607.9	537.4	470.0
-55°	947.9	905.4	858.6	809.1	757.9	703.4	647.0	588.5	527.3	463.4	405.6
-57.5°	814.2	776.6	737.6	696.4	653.4	602.7	549.2	495.4	445.1	391.9	341.2
-60°	687.7	656.5	619.6	580.5	539.4	494.9	450.8	407.0	363.6	326.8	288.0
-62.5°	559.0	525.8	495.7	464.8	430.3	392.6	358.3	329.4	300.3	268.5	229.2
-65°	448.5	417.1	388.5	363.4	337.3	310.2	285.7	259.2	230.4	199.7	166.2
-67.5°	354.4	325.5	301.7	279.8	256.2	230.3	206.4	181.9	160.1	138.0	113.0
-70°	265.3	240.1	217.6	196.5	175.5	156.0	139.0	121.4	102.1	85.9	71.9
-72.5°	172.9	153.5	136.3	121.7	107.6	96.5	85.3	73.5	62.0	50.8	42.8
-75°	92.8	82.8	73.3	65.7	57.7	49.3	45.5	43.5	41.3	38.9	36.1
-77.5°	53.2	48.4	44.5	43.2	41.9	40.5	38.8	36.7	34.4	32.3	30.3
-80°	42.0	38.8	35.8	34.6	33.4	32.2	30.9	29.3	27.7	26.3	25.2
-82.5°	30.6	28.2	26.0	25.5	25.0	24.5	23.9	23.1	22.3	21.6	20.9
-85°	22.6	20.8	19.1	18.8	18.6	18.3	18.0	17.7	17.3	17.0	16.6
-87.5°	18.7	16.5	14.3	14.3	14.4	14.4	14.5	14.4	14.3	14.2	14.1
-90°	3.0	3.5	4.0	4.0	4.0	4.0	4.0	4.5	5.1	5.6	6.1



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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°	13.6	13.1	12.6	12.1	12.1	12.1	12.1	12.1	11.6	11.1	10.6
87.5°	6.1	6.1	6.1	6.1	6.4	6.6	6.8	6.9	7.2	7.4	7.8
85°	6.3	6.4	6.4	6.4	6.7	7.1	7.5	7.8	7.8	7.8	7.9
82.5°	6.6	7.1	7.4	7.5	7.5	7.6	7.8	8.1	8.1	8.1	8.1
80°	6.7	7.2	7.7	8.1	8.1	8.1	8.0	8.1	8.1	8.1	8.1
77.5°	7.2	7.4	7.7	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
75°	8.1	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
72.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
70°	11.8	8.8	8.1	8.1	8.1	8.1	8.1	8.2	8.1	8.1	8.1
67.5°	18.3	13.8	10.5	8.5	8.1	8.1	8.1	8.3	8.4	8.1	8.1
65°	29.9	20.6	13.8	11.1	9.1	8.1	8.1	8.5	8.7	8.5	8.1
62.5°	37.3	28.6	20.1	14.4	10.9	9.1	8.1	8.6	9.1	9.0	8.5
60°	40.0	31.6	25.7	19.7	13.9	10.2	8.9	8.7	9.2	9.5	9.0
57.5°	36.0	32.5	28.7	24.0	18.1	12.5	9.9	9.3	9.2	9.7	9.6
55°	30.1	28.5	30.1	27.0	21.6	15.7	11.5	10.1	9.5	9.8	10.1
52.5°	22.6	25.4	29.0	28.9	24.6	18.7	14.1	11.0	10.2	9.9	10.3
50°	17.1	21.9	27.5	29.6	27.3	21.7	16.3	12.6	11.0	10.1	10.5
47.5°	15.8	20.0	24.6	30.1	29.4	24.3	18.5	14.1	11.7	10.8	10.7
45°	17.0	19.8	23.2	27.9	31.2	26.0	20.7	15.3	12.6	11.5	11.0
42.5°	19.3	21.4	23.7	26.0	29.4	27.0	22.6	16.8	13.3	12.3	11.5
40°	24.1	24.4	25.2	27.4	28.0	27.6	23.3	18.4	13.8	13.1	12.2
37.5°	30.1	29.2	28.5	30.9	28.7	27.3	23.6	19.7	15.2	14.0	12.8
35°	39.5	35.9	35.1	36.8	33.6	27.8	23.5	20.4	17.4	15.1	13.4
32.5°	50.6	47.6	46.4	44.0	40.3	29.3	24.0	22.1	19.6	16.2	14.1
30°	66.8	69.0	60.3	52.4	48.2	35.6	26.8	24.2	21.8	17.5	14.7
27.5°	99.3	96.4	78.0	64.9	56.2	44.1	32.7	26.6	24.0	19.0	15.7
25°	141.0	129.6	104.8	80.0	64.9	71.1	39.8	29.4	26.0	20.8	16.8
22.5°	196.4	168.1	135.7	96.5	104.5	107.1	54.7	34.9	28.2	22.6	17.8
20°	260.5	211.4	182.1	160.9	152.9	142.7	81.0	41.1	30.5	24.3	18.9
17.5°	342.1	301.6	292.3	243.9	206.9	181.7	112.2	47.7	32.9	26.0	19.9
15°	563.1	445.2	410.2	336.9	264.4	223.5	147.2	54.7	35.4	27.6	20.9
12.5°	841.4	589.7	534.4	437.4	324.4	267.4	184.8	61.8	37.9	29.2	21.6
10°	1148.6	734.1	662.9	542.9	386.0	312.5	223.7	70.2	42.2	30.8	22.3
7.5°	1472.1	877.8	793.7	650.7	447.0	356.0	264.2	81.4	46.8	32.4	22.9
5°	1771.9	1002.0	902.2	741.4	501.5	396.2	303.0	92.5	51.6	33.8	23.4
2.5°	1942.5	1095.9	993.1	824.8	554.2	434.6	338.7	103.2	56.2	35.2	23.8
0°	2081.1	1186.0	1078.9	901.1	604.1	470.8	369.8	113.1	60.6	36.4	24.2
-2.5°	2044.8	1172.1	1062.9	894.1	619.6	481.7	374.4	131.4	75.0	45.8	28.9
-5°	1973.7	1154.1	1042.1	880.1	631.0	489.7	374.0	148.4	88.7	54.8	33.4
-7.5°	1836.9	1113.7	1010.0	859.4	637.9	494.5	369.7	164.0	101.5	63.2	37.6
-10°	1662.2	1059.1	964.3	824.1	628.3	492.8	362.4	178.0	113.1	70.8	41.3
-12.5°	1459.5	1003.2	919.6	786.5	613.3	485.8	352.9	189.9	123.4	77.4	44.5
-15°	1231.0	946.8	877.7	747.8	595.6	477.0	342.0	199.8	132.2	83.2	46.9
-17.5°	984.5	890.7	840.1	709.5	575.5	466.6	330.5	207.5	139.6	88.5	49.4
-20°	914.5	853.7	804.5	672.7	553.3	454.9	319.0	212.9	145.4	92.5	51.6



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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°	880.4	833.6	764.5	642.5	532.5	442.2	308.2	215.9	149.5	95.0	52.7
-25°	848.8	814.9	726.4	614.5	515.2	423.4	304.0	216.4	151.9	96.0	52.6
-27.5°	826.2	790.7	688.6	584.2	496.0	407.5	303.1	218.3	152.7	95.3	51.3
-30°	808.6	747.9	652.2	554.2	474.6	386.1	299.0	218.0	151.6	93.6	48.6
-32.5°	794.1	706.9	614.6	528.6	449.4	363.3	285.9	215.4	148.3	90.5	46.9
-35°	756.5	666.9	575.9	500.6	422.4	342.5	268.9	210.4	142.7	85.4	44.9
-37.5°	716.3	625.5	543.3	470.5	394.7	319.5	252.9	195.5	134.8	78.3	42.0
-40°	668.5	584.3	509.6	439.6	367.0	294.4	234.8	178.4	125.0	69.3	38.1
-42.5°	618.5	543.9	473.3	407.5	337.3	272.0	214.5	159.4	109.3	62.1	33.3
-45°	570.7	500.2	433.8	370.0	306.3	247.4	191.5	139.0	91.9	55.5	29.7
-47.5°	519.0	453.1	390.6	330.1	276.1	220.3	166.5	118.3	73.6	47.5	28.6
-50°	463.8	402.9	344.7	292.2	242.5	190.3	140.3	96.4	62.3	37.5	27.2
-52.5°	407.6	350.6	300.9	254.4	206.5	158.2	114.7	74.4	50.4	32.6	25.5
-55°	349.5	301.9	258.9	214.0	168.8	127.5	87.8	60.5	38.0	30.0	23.7
-57.5°	298.7	256.0	213.7	171.5	132.8	96.3	67.4	45.9	32.8	27.3	23.0
-60°	248.0	206.0	166.3	131.4	97.7	70.5	50.5	34.7	29.9	24.9	22.1
-62.5°	190.8	154.7	123.1	92.3	69.6	51.4	35.7	31.6	27.0	23.7	21.1
-65°	137.6	108.8	81.1	64.7	48.2	35.9	32.4	28.4	25.1	22.4	20.1
-67.5°	87.8	71.8	55.9	41.1	35.4	32.3	29.0	26.0	23.3	21.0	19.1
-70°	58.0	44.0	37.3	34.2	31.4	28.7	26.4	23.8	21.5	20.0	18.1
-72.5°	39.2	35.8	32.6	29.9	28.2	26.2	23.9	21.8	20.6	19.0	17.2
-75°	33.2	31.0	29.2	27.7	25.8	23.8	22.2	21.0	19.6	18.0	16.1
-77.5°	28.7	27.4	26.4	25.2	23.4	22.0	21.0	20.2	18.6	16.8	15.0
-80°	24.4	23.6	22.8	21.9	20.9	20.2	19.6	18.8	17.2	15.5	13.8
-82.5°	20.3	19.8	19.4	19.1	18.6	18.2	17.7	17.2	15.7	14.2	12.8
-85°	16.6	16.6	16.7	16.8	16.5	16.2	15.9	15.5	14.3	13.2	12.1
-87.5°	14.3	14.4	14.5	14.5	14.3	14.1	14.0	13.8	13.0	12.1	11.4
-90°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.6	7.1	7.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.1	9.6	9.1	8.6	8.1	8.1	8.1
87.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
85°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
82.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
80°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
77.5°	8.1	8.1	8.1	8.1	8.1	8.1	8.1
75°	8.2	8.3	8.1	8.1	8.1	8.1	8.1
72.5°	8.2	8.4	8.3	8.1	8.1	8.1	8.1
70°	8.3	8.6	8.5	8.1	8.1	8.1	8.1
67.5°	8.3	8.7	8.7	8.3	8.1	8.1	8.1
65°	8.4	8.8	8.9	8.5	8.1	8.1	8.1
62.5°	8.4	8.9	9.1	8.7	8.1	8.1	8.1
60°	8.5	8.9	9.4	8.9	8.1	8.1	8.1
57.5°	8.9	9.0	9.4	9.2	8.2	8.1	8.1
55°	9.5	9.0	9.5	9.4	8.4	8.1	8.1
52.5°	10.0	9.2	9.5	9.6	8.5	8.1	8.1
50°	10.4	9.6	9.6	9.8	8.7	8.1	8.1
47.5°	10.9	10.0	9.6	10.0	8.8	8.1	8.1
45°	11.1	10.4	9.7	10.0	8.9	8.1	8.1
42.5°	11.4	10.7	9.7	10.1	9.0	8.1	8.1
40°	11.7	11.1	9.9	10.1	9.2	8.1	8.1
37.5°	12.1	11.5	10.2	10.2	9.3	8.1	8.1
35°	12.5	11.8	10.5	10.2	9.4	8.1	8.1
32.5°	12.9	12.1	10.8	10.3	9.5	8.1	8.1
30°	13.4	12.4	11.0	10.4	9.6	8.1	8.1
27.5°	13.9	12.7	11.3	10.5	9.6	8.1	8.1
25°	14.4	13.0	11.5	10.6	9.7	8.1	8.1
22.5°	14.9	13.3	11.6	10.8	9.8	8.1	8.1
20°	15.3	13.5	11.8	10.9	9.9	8.1	8.1
17.5°	15.7	13.6	11.9	11.0	9.9	8.1	8.1
15°	16.1	13.8	12.0	11.2	10.0	8.1	8.1
12.5°	16.5	13.9	12.0	11.4	10.0	8.1	8.1
10°	16.9	13.9	12.1	11.5	10.0	8.1	8.1
7.5°	17.2	14.0	12.1	11.7	10.1	8.1	8.1
5°	17.6	14.1	12.1	11.8	10.1	8.1	8.1
2.5°	17.9	14.1	12.1	12.0	10.1	8.1	8.1
0°	18.2	14.1	12.1	12.1	10.1	8.1	8.1
-2.5°	19.8	14.5	12.5	12.2	10.2	8.1	8.1
-5°	21.3	15.0	12.8	12.3	10.3	8.2	8.1
-7.5°	22.7	15.4	13.2	12.4	10.3	8.2	8.1
-10°	23.9	15.8	13.5	12.5	10.4	8.3	8.1
-12.5°	24.9	16.1	13.8	12.6	10.4	8.3	8.1
-15°	25.6	16.4	14.1	12.7	10.5	8.4	8.1
-17.5°	26.1	16.8	14.4	12.7	10.5	8.4	8.1
-20°	26.6	17.0	14.6	12.8	10.5	8.4	8.1



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27.2	17.3	14.8	12.8	10.6	8.5	8.1
-25°	27.4	17.7	14.9	12.8	10.6	8.5	8.1
-27.5°	26.9	18.0	15.0	12.8	10.6	8.5	8.1
-30°	25.9	18.2	15.1	12.8	10.6	8.5	8.1
-32.5°	24.2	18.3	15.2	12.8	10.5	8.6	8.1
-35°	23.7	18.3	15.2	12.7	10.5	8.6	8.1
-37.5°	23.6	18.2	15.2	12.7	10.5	8.6	8.1
-40°	23.4	18.2	15.1	12.6	10.5	8.6	8.1
-42.5°	22.9	18.1	15.1	12.6	10.4	8.6	8.1
-45°	22.2	18.0	15.0	12.5	10.3	8.6	8.1
-47.5°	21.3	17.8	14.8	12.4	10.3	8.6	8.1
-50°	20.9	17.5	14.6	12.2	10.2	8.6	8.1
-52.5°	20.5	17.2	14.4	12.1	10.1	8.6	8.1
-55°	20.1	16.9	14.2	11.9	10.0	8.6	8.1
-57.5°	19.5	16.5	13.9	11.8	9.9	8.6	8.1
-60°	18.9	16.0	13.6	11.6	9.8	8.5	8.1
-62.5°	18.3	15.6	13.2	11.3	9.7	8.5	8.1
-65°	17.6	15.0	12.9	11.1	9.6	8.5	8.1
-67.5°	16.8	14.5	12.5	10.8	9.5	8.5	8.1
-70°	16.0	13.8	12.0	10.6	9.4	8.4	8.1
-72.5°	15.1	13.2	11.6	10.3	9.2	8.4	8.1
-75°	14.1	12.5	11.1	10.1	9.1	8.3	8.1
-77.5°	13.2	11.8	10.8	9.9	8.9	8.3	8.1
-80°	12.2	11.3	10.5	9.6	8.8	8.3	8.1
-82.5°	11.6	10.9	10.1	9.4	8.6	8.2	8.1
-85°	11.1	10.5	9.8	9.1	8.4	8.2	8.1
-87.5°	10.6	10.0	9.4	8.9	8.3	8.1	8.1
-90°	8.1	8.1	8.1	8.1	8.1	8.1	8.1

(END OF REPORT)