

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: P1306027 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-40-80-4S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

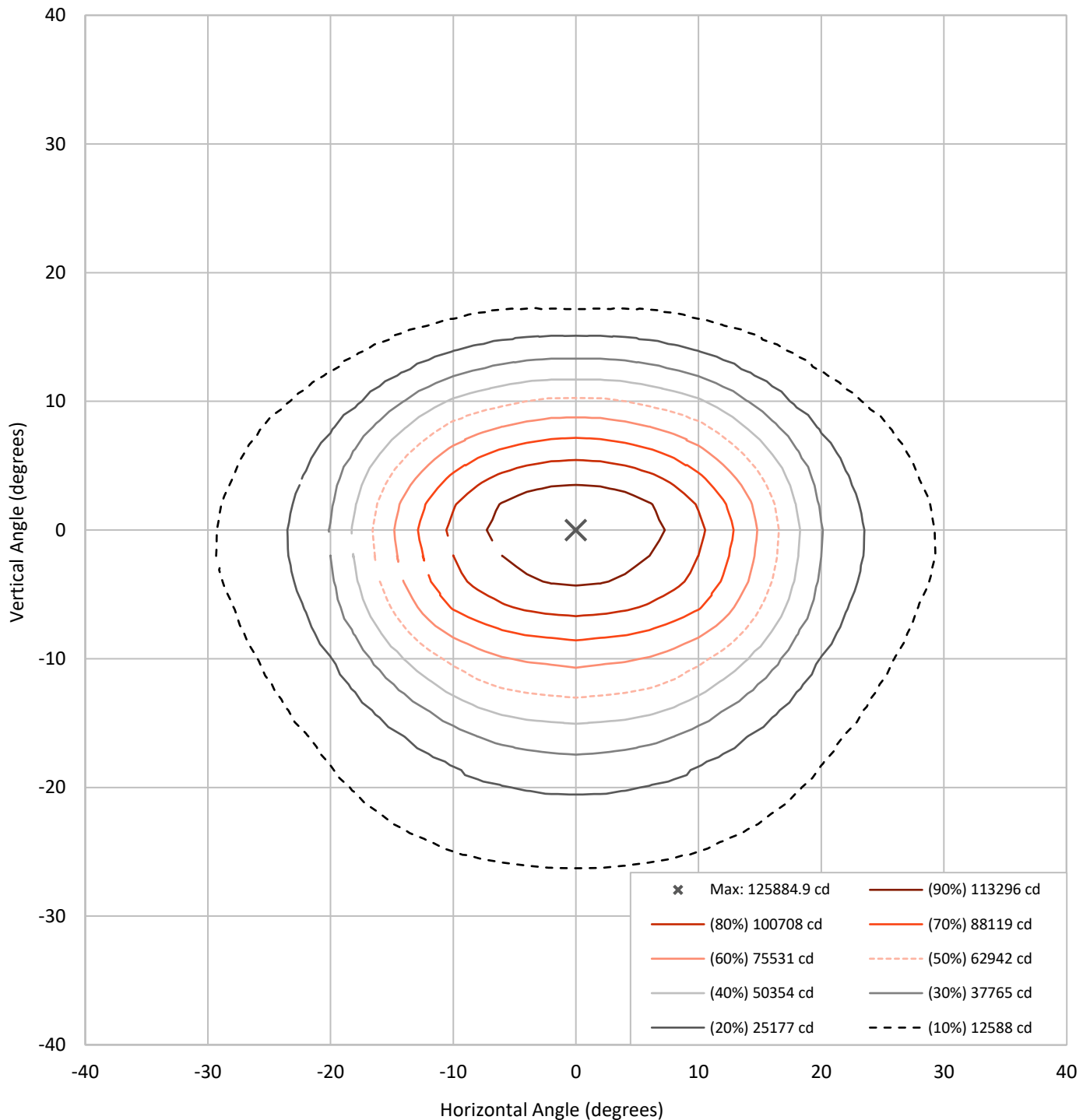
Test Method: LM-79-08  
Report Number: P1306027 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-320N-40-80-4S-CV5-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	33231.4 lumens	Max Intensity:	125884.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	16814 lumens	Field Lumens:	28659.2 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
Input Watts (W):	334		
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





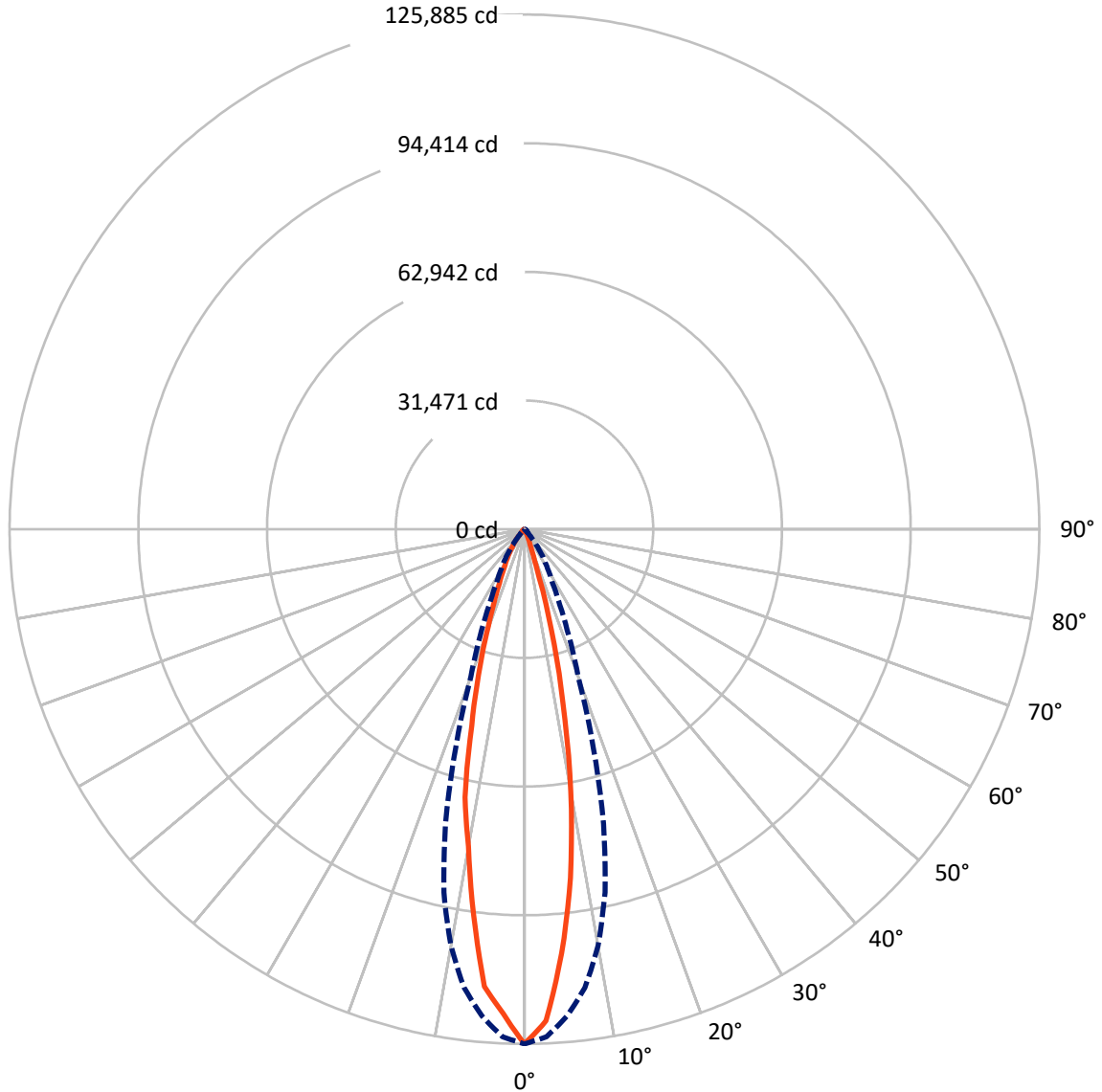
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### Lumen Table

90	0.1	0.3	0.5	0.4	0.3	0.4	0.5	0.3	0.1										
80	0.1	0.3	0.5	0.4	0.3	0.4	0.5	0.3	0.1										
70	0.1	0.1	0.1	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.1	0.1	0.1			
60		0.1	0.2	0.5	0.5	0.2	0.1	0.1	0.1	0.1	0.2	0.5	0.5	0.2	0.1				
50	0.1	0.1	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.1	0.1			
40		0.1	0.3	0.5	0.7	1.4	2.6	3.8	3.8	2.6	1.4	0.7	0.5	0.3	0.1				
30	0.1	0.2	0.9	1.9	5.0	13.9	28.7	47.7	47.7	28.7	13.9	5.0	1.9	0.9	0.2	0.1			
20		0.6	2.9	7.5	44.9	140.1	426.9	798.0	798.0	426.9	140.1	44.9	7.5	2.9	0.6				
10	0.2	1.0	5.8	18.9	139.2	490.4	1697.9	2889.3	2889.3	1697.9	490.4	139.2	18.9	5.8	1.0	0.2			
0		1.4	7.1	22.7	155.1	541.1	1870.1	3070.0	3070.0	1870.1	541.1	155.1	22.7	7.1	1.4				
-10	0.3	1.6	6.3	15.9	91.9	298.2	827.6	1454.5	1454.5	827.6	298.2	91.9	15.9	6.3	1.6	0.3			
-20		1.5	5.3	10.7	38.4	149.1	307.2	447.4	447.4	307.2	149.1	38.4	10.7	5.3	1.5				
-30	0.2	1.2	4.4	8.3	15.6	46.4	105.4	149.6	149.6	105.4	46.4	15.6	8.3	4.4	1.2	0.2			
-40		0.8	3.2	6.8	11.1	16.6	24.0	31.5	31.5	24.0	16.6	11.1	6.8	3.2	0.8				
-50	0.2	0.4	1.6	4.4	7.8	10.9	13.4	15.0	15.0	13.4	10.9	7.8	4.4	1.6	0.4	0.2			
-60		0.2	0.6	1.6	3.3	5.3	7.1	8.2	8.2	7.1	5.3	3.3	1.6	0.6	0.2				
-70	0.1	0.5	1.6	4.1	5.8	4.1	1.6	0.5	0.1						0.1				
-80		0.1	0.5	1.6	4.1	5.8	4.1	1.6	0.5	0.1									
-90	0.1	0.5	1.6	4.1	5.8	4.1	1.6	0.5	0.1					0.1					
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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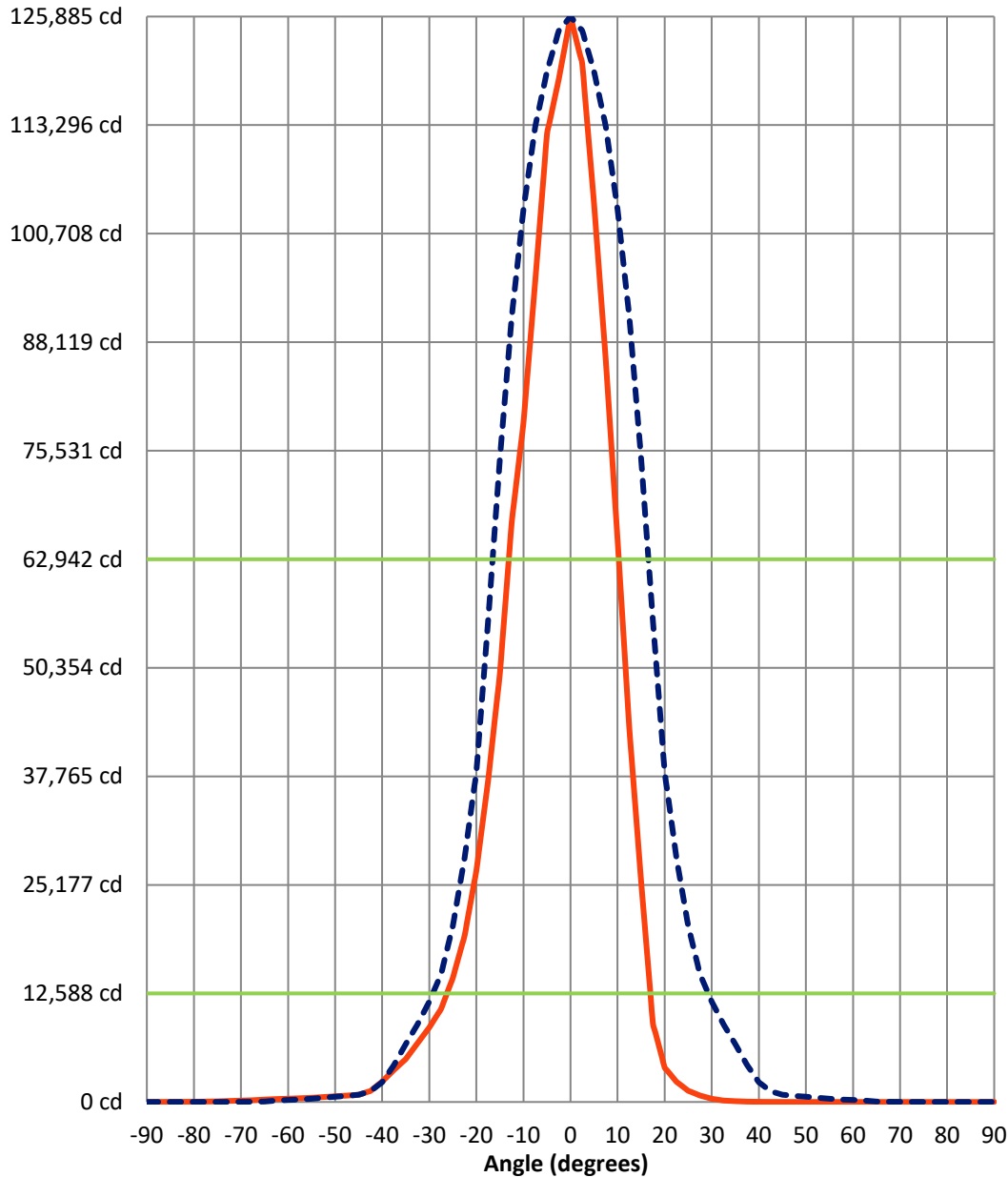
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.1°  
 V Angle: 23.4°  
 Lumens: 16814  
 Efficiency: 50.6%

**Field:**  
 H Angle: 58.5°  
 V Angle: 43.2°  
 Lumens: 28659.2  
 Efficiency: 86.2%

**Spill:**  
 Lumens: 4572.2  
 Efficiency: 13.8%

— 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°	4.6	5.1	5.7	5.4	5.2	4.9	4.6	4.9	5.2	5.4	5.7
87.5°	4.6	4.6	4.7	4.7	4.8	4.8	4.9	4.8	4.8	4.7	4.6
85°	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.1	5.0	4.8	4.6
82.5°	4.6	4.7	4.9	5.0	5.2	5.3	5.5	5.4	5.2	5.0	4.9
80°	4.6	4.8	5.0	5.2	5.4	5.5	5.7	5.5	5.4	5.3	5.4
77.5°	4.6	4.8	5.1	5.3	5.5	5.7	5.7	5.6	5.5	5.6	5.7
75°	4.6	4.9	5.2	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7
72.5°	4.6	4.9	5.3	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7
70°	4.6	5.0	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
67.5°	4.6	5.0	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
65°	4.6	5.1	5.5	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
62.5°	4.6	5.1	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
60°	4.6	5.1	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
57.5°	4.6	5.2	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
55°	4.6	5.2	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
52.5°	4.6	5.3	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
50°	4.6	5.3	5.7	5.7	5.7	5.7	5.7	5.8	5.7	5.7	6.2
47.5°	4.6	5.3	5.7	5.7	5.7	5.7	5.7	5.9	5.7	5.7	6.7
45°	4.6	5.4	5.7	5.7	5.7	5.7	5.8	6.0	5.8	6.1	7.2
42.5°	4.6	5.4	5.7	5.7	5.7	5.7	5.9	6.1	5.8	6.4	7.5
40°	4.6	5.4	5.7	5.7	5.7	5.7	6.1	6.1	6.0	6.7	7.7
37.5°	4.6	5.5	5.7	5.7	5.7	5.7	6.2	6.2	6.4	7.1	7.9
35°	4.6	5.5	5.7	5.7	5.7	5.8	6.4	6.3	6.7	7.6	8.1
32.5°	4.6	5.5	5.7	5.7	5.7	5.9	6.5	6.3	7.0	8.2	9.0
30°	4.6	5.6	5.7	5.7	5.7	6.0	6.6	6.5	7.3	8.9	9.9
27.5°	4.6	5.6	5.7	5.7	5.7	6.2	6.7	6.7	7.7	9.8	11.1
25°	4.6	5.6	5.7	5.7	5.7	6.3	6.7	7.0	8.3	10.7	12.3
22.5°	4.6	5.6	5.7	5.7	5.7	6.4	6.8	7.2	9.0	11.7	14.8
20°	4.6	5.6	5.7	5.7	5.7	6.5	6.9	7.4	9.7	12.7	17.3
17.5°	4.6	5.6	5.7	5.7	5.7	6.6	7.0	7.6	10.4	13.8	20.0
15°	4.6	5.7	5.7	5.7	5.7	6.7	7.1	7.9	11.2	14.9	22.8
12.5°	4.6	5.7	5.7	5.7	5.7	6.8	7.2	8.5	12.2	16.1	25.6
10°	4.6	5.7	5.7	5.7	5.7	6.8	7.4	9.1	13.5	18.4	29.3
7.5°	4.6	5.7	5.7	5.7	5.7	6.8	7.5	9.7	14.8	21.0	34.7
5°	4.6	5.7	5.7	5.7	5.7	6.9	7.7	10.3	16.1	23.7	40.2
2.5°	4.6	5.7	5.7	5.7	5.7	6.9	7.8	10.9	17.3	26.2	45.5
0°	4.6	5.7	5.7	5.7	5.7	6.9	8.0	11.5	18.4	28.7	50.5
-2.5°	4.6	5.7	5.7	5.7	5.7	7.0	8.8	13.1	21.7	34.8	59.6
-5°	4.6	5.7	5.7	5.7	5.7	7.1	9.5	14.6	24.8	40.5	68.1
-7.5°	4.6	5.7	5.7	5.7	5.7	7.2	10.2	16.0	27.6	45.8	75.9
-10°	4.6	5.7	5.7	5.7	5.7	7.3	10.8	17.3	30.1	50.5	82.6
-12.5°	4.6	5.7	5.7	5.7	5.7	7.3	11.2	18.3	32.2	54.5	88.7
-15°	4.6	5.7	5.7	5.7	5.7	7.3	11.6	19.2	34.1	58.3	93.7
-17.5°	4.6	5.7	5.7	5.7	5.7	7.3	11.8	20.2	36.0	61.3	97.4
-20°	4.6	5.6	5.7	5.7	5.7	7.2	12.0	21.0	37.1	63.2	99.7



REPORT NUMBER: P1306027 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: EPH-08-320N-40-80-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	4.6	5.6	5.7	5.7	5.7	7.1	12.3	21.7	37.5	64.0	100.6
-25°	4.6	5.6	5.7	5.7	5.7	7.1	12.3	22.0	37.1	63.7	99.9
-27.5°	4.6	5.6	5.7	5.7	5.7	7.1	12.1	21.9	35.9	62.6	99.3
-30°	4.6	5.6	5.7	5.7	5.7	7.0	11.7	21.5	35.1	61.1	97.2
-32.5°	4.6	5.6	5.7	5.7	5.8	6.8	11.0	21.0	34.6	58.4	93.4
-35°	4.6	5.6	5.7	5.7	5.9	6.5	10.6	20.1	33.5	54.5	88.0
-37.5°	4.6	5.5	5.7	5.7	6.0	6.3	10.2	18.9	32.0	49.3	79.3
-40°	4.6	5.5	5.7	5.7	6.0	6.4	9.7	17.3	30.0	46.0	70.5
-42.5°	4.6	5.5	5.7	5.7	6.1	6.5	9.1	15.3	27.7	42.2	61.1
-45°	4.6	5.5	5.7	5.7	6.1	6.6	8.2	13.5	24.9	37.8	51.9
-47.5°	4.6	5.5	5.7	5.8	6.2	6.7	7.3	12.4	21.6	33.0	46.4
-50°	4.6	5.5	5.7	5.8	6.2	6.8	7.2	11.0	17.5	28.2	40.4
-52.5°	4.6	5.4	5.7	5.8	6.2	6.8	7.3	9.4	14.7	23.1	34.0
-55°	4.6	5.4	5.7	5.8	6.2	6.8	7.4	7.9	12.5	17.8	27.9
-57.5°	4.6	5.4	5.7	5.8	6.2	6.8	7.5	8.0	10.3	14.6	21.4
-60°	4.6	5.4	5.7	5.8	6.1	6.7	7.5	8.0	8.5	12.2	16.0
-62.5°	4.6	5.4	5.7	5.8	6.1	6.6	7.4	8.0	8.4	9.7	13.3
-65°	4.6	5.4	5.7	5.8	6.0	6.5	7.2	7.9	8.2	8.9	10.6
-67.5°	4.6	5.3	5.7	5.7	6.0	6.4	7.0	7.6	8.0	8.5	9.4
-70°	4.6	5.3	5.7	5.7	5.9	6.3	6.8	7.3	7.7	8.0	8.6
-72.5°	4.6	5.3	5.7	5.7	5.8	6.1	6.6	7.0	7.3	7.6	7.9
-75°	4.6	5.3	5.7	5.6	5.7	5.9	6.3	6.6	6.9	7.2	7.5
-77.5°	4.6	5.3	5.7	5.6	5.6	5.8	6.0	6.3	6.5	6.8	7.0
-80°	4.6	5.2	5.7	5.6	5.5	5.6	5.7	5.9	6.1	6.3	6.5
-82.5°	4.6	5.2	5.7	5.5	5.4	5.4	5.5	5.6	5.7	5.9	6.0
-85°	4.6	5.2	5.7	5.5	5.3	5.2	5.2	5.4	5.5	5.6	5.7
-87.5°	4.6	5.2	5.7	5.5	5.2	5.1	4.9	5.1	5.3	5.5	5.7
-90°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6



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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°	5.4	5.2	4.9	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
87.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.3	4.0	3.7
85°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.4	4.3	4.2
82.5°	4.9	4.9	4.8	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
80°	5.3	5.2	4.9	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
77.5°	5.5	5.2	4.9	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.6
75°	5.5	5.2	5.0	4.7	4.6	4.6	4.6	4.8	5.0	5.0	4.9
72.5°	5.5	5.3	5.0	4.7	4.8	5.1	5.4	5.6	5.9	6.1	6.2
70°	5.6	5.3	5.2	5.3	5.5	5.8	6.3	7.0	7.6	8.0	8.7
67.5°	5.6	5.5	5.5	5.8	6.2	6.7	7.5	9.0	10.5	11.5	12.4
65°	5.7	5.7	5.8	6.2	6.8	8.3	9.9	11.8	14.6	16.3	17.0
62.5°	5.7	5.8	6.1	7.0	8.6	10.3	12.7	15.9	19.8	22.4	22.5
60°	5.7	5.8	6.8	8.4	10.3	12.5	15.6	20.0	25.6	29.8	27.1
57.5°	5.7	6.4	8.0	9.7	11.7	14.3	18.4	23.8	29.2	34.9	29.9
55°	6.0	7.3	8.9	10.7	13.0	15.7	19.9	24.6	30.5	32.2	26.5
52.5°	6.8	8.1	9.4	11.4	13.9	16.3	19.0	23.1	24.9	25.3	21.0
50°	7.5	8.5	9.8	11.9	14.3	16.0	16.6	19.0	19.1	17.3	15.1
47.5°	7.9	8.8	9.9	12.1	14.3	15.4	15.1	14.5	13.3	12.3	9.6
45°	8.2	9.2	10.1	12.4	14.2	14.6	13.3	10.5	10.9	9.7	9.0
42.5°	8.5	9.5	11.0	12.8	13.9	13.8	11.9	11.1	10.3	10.1	9.8
40°	8.8	9.8	12.1	13.7	14.0	13.5	13.6	13.0	11.2	11.9	12.0
37.5°	9.0	10.9	13.6	16.0	14.4	15.2	16.3	16.5	15.6	15.2	16.8
35°	9.2	12.1	16.7	19.3	17.8	18.4	20.6	21.5	21.7	21.6	22.8
32.5°	10.0	13.4	20.8	23.3	24.0	24.4	25.9	28.1	30.6	31.7	30.4
30°	11.6	17.2	25.5	28.2	31.1	35.4	34.4	36.1	41.8	44.1	46.2
27.5°	14.3	22.1	30.1	34.7	40.0	49.7	53.2	49.7	54.5	59.1	66.0
25°	17.3	34.5	35.4	42.1	54.1	68.8	78.2	82.2	71.5	79.5	98.0
22.5°	24.0	50.7	54.0	50.1	70.4	92.1	110.6	120.5	119.2	111.6	136.5
20°	35.8	67.1	75.8	77.4	92.9	118.9	147.7	164.5	180.5	208.3	281.2
17.5°	49.7	85.3	99.0	112.8	141.0	164.0	188.7	213.7	251.5	334.1	581.7
15°	65.0	104.9	123.2	151.3	193.2	231.8	261.9	284.3	351.1	524.2	961.9
12.5°	81.4	125.5	148.1	192.1	248.3	303.0	345.7	390.9	503.3	843.7	1566.6
10°	98.3	146.7	173.6	234.2	305.2	376.6	431.9	500.0	675.5	1205.4	2226.5
7.5°	117.0	169.4	199.5	276.8	362.7	451.0	519.2	609.8	851.3	1571.0	2890.6
5°	135.2	193.1	227.1	313.6	411.2	516.5	600.8	718.4	1025.3	1925.2	3535.9
2.5°	151.9	216.1	254.1	347.1	451.8	566.2	656.4	783.4	1145.7	2158.0	4011.0
0°	166.6	237.8	280.3	377.9	489.3	612.2	708.7	843.1	1242.9	2298.5	4294.9
-2.5°	172.2	246.1	291.0	385.7	494.5	620.1	718.3	848.3	1272.7	2355.5	4336.7
-5°	175.4	252.5	300.4	390.8	496.3	623.1	724.0	848.2	1265.2	2306.1	4132.8
-7.5°	176.4	256.9	308.4	391.4	487.0	603.1	695.7	803.7	1165.5	2102.2	3693.4
-10°	175.4	256.2	306.0	377.0	462.7	567.9	657.8	755.1	1050.5	1846.5	3204.6
-12.5°	172.1	251.5	301.4	361.8	437.5	530.2	617.9	703.2	922.8	1542.1	2701.2
-15°	167.8	246.0	296.6	346.3	412.1	490.5	576.8	648.8	790.0	1217.3	2201.6
-17.5°	162.7	239.9	291.9	331.1	387.3	449.5	536.7	603.4	692.0	1010.2	1799.5
-20°	157.0	233.4	287.3	316.6	364.2	418.3	498.0	565.8	640.7	846.9	1368.4



REPORT NUMBER: P1306027 (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°	151.1	226.7	280.8	308.5	349.0	396.9	459.0	526.0	588.6	666.7	1002.5
-25°	148.2	216.9	271.0	303.0	334.8	376.0	421.4	484.3	540.1	615.2	808.9
-27.5°	146.8	207.7	259.5	296.9	321.0	357.1	394.6	443.1	507.1	573.5	643.7
-30°	143.3	194.1	247.7	288.3	312.2	341.5	373.0	414.2	475.4	536.6	598.6
-32.5°	134.9	179.6	232.5	274.6	304.1	327.0	357.5	395.3	444.4	500.7	556.4
-35°	124.0	166.9	215.2	261.0	294.9	317.1	344.9	377.3	415.8	466.2	525.7
-37.5°	113.2	152.8	197.1	244.6	280.1	309.3	331.4	360.9	394.3	434.3	492.9
-40°	101.0	137.3	179.8	224.3	265.9	297.9	322.6	344.9	373.7	413.0	454.9
-42.5°	88.0	122.6	161.4	203.1	244.5	281.2	312.5	333.5	358.0	392.0	430.3
-45°	77.0	106.5	142.0	180.3	219.4	259.8	293.1	323.7	346.0	371.8	405.9
-47.5°	65.3	90.3	122.6	156.2	192.9	230.8	269.8	302.2	333.7	357.2	381.3
-50°	54.4	76.8	101.6	132.7	165.1	200.4	236.7	275.2	308.2	338.7	364.9
-52.5°	47.0	62.5	84.5	109.1	138.2	168.9	202.8	238.1	274.5	309.1	336.4
-55°	39.0	52.2	67.7	88.6	112.0	139.0	168.2	200.6	232.7	266.6	297.8
-57.5°	31.3	42.7	54.7	69.3	89.1	110.2	136.0	163.0	192.3	221.4	246.1
-60°	23.7	33.5	44.3	55.2	67.3	85.7	104.5	127.2	152.1	176.2	198.0
-62.5°	16.7	24.8	34.1	43.9	53.7	63.2	78.3	95.3	112.3	132.7	151.7
-65°	13.8	17.2	24.1	32.8	41.6	50.4	59.1	67.5	81.6	96.0	109.3
-67.5°	11.0	14.0	17.2	21.5	29.3	37.2	45.3	53.0	60.5	67.8	76.2
-70°	9.7	11.0	13.5	16.4	19.3	23.3	30.2	37.3	44.7	52.1	58.5
-72.5°	8.8	9.9	11.1	12.2	14.7	17.2	19.6	22.0	26.6	32.9	39.4
-75°	8.0	8.9	10.0	11.0	12.0	13.1	14.3	16.4	18.6	20.7	22.9
-77.5°	7.4	7.9	8.7	9.7	10.6	11.4	12.2	13.2	14.1	15.2	16.3
-80°	6.7	6.9	7.3	7.8	8.6	9.3	10.1	10.8	11.5	12.2	13.0
-82.5°	6.2	6.3	6.4	6.6	6.9	7.3	7.8	8.4	8.8	9.2	9.6
-85°	5.7	5.7	5.8	5.9	6.0	6.2	6.4	6.6	6.8	6.9	7.0
-87.5°	5.6	5.4	5.3	5.2	5.3	5.3	5.3	5.4	5.4	5.4	5.5
-90°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.3	4.0	3.7



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	4.6	5.2	5.7	6.3	6.9	7.5	8.0	8.6	9.2	9.8	10.3
87.5°	3.4	3.4	3.4	3.4	3.4	3.1	2.9	2.6	2.3	2.0	1.7
85°	4.2	4.0	3.8	3.6	3.4	3.1	2.9	2.6	2.3	2.0	1.7
82.5°	4.6	4.3	4.0	3.7	3.4	3.1	2.9	2.6	2.3	2.0	1.7
80°	4.6	4.3	4.0	3.7	3.4	3.2	2.9	2.6	2.3	2.0	1.7
77.5°	4.6	4.4	4.1	3.8	3.5	3.2	2.9	2.6	2.3	2.3	2.3
75°	4.7	4.5	4.4	4.3	4.0	3.8	3.7	3.4	3.2	3.0	2.8
72.5°	6.4	6.3	6.2	6.0	5.7	5.4	5.2	4.8	4.4	4.2	3.9
70°	9.4	9.8	9.5	8.9	7.9	7.0	6.6	6.1	5.6	5.1	4.6
67.5°	13.1	13.1	12.1	10.9	9.3	7.8	7.2	6.6	6.0	5.6	5.6
65°	16.9	15.8	14.2	12.3	10.0	7.9	7.3	6.7	6.0	5.7	5.7
62.5°	21.2	17.7	14.2	11.7	9.7	7.9	7.1	6.3	5.5	4.9	4.8
60°	22.8	16.9	12.2	10.1	8.4	7.1	6.2	5.5	5.0	4.6	4.6
57.5°	22.1	15.1	9.8	8.1	6.9	6.0	5.4	4.8	4.3	3.8	3.7
55°	18.8	12.3	7.4	6.3	5.7	5.0	4.5	4.1	3.8	3.4	3.4
52.5°	13.8	9.4	6.6	5.5	5.2	4.9	4.6	4.4	4.3	4.2	4.1
50°	10.1	7.3	6.3	5.6	5.4	5.4	5.6	5.6	5.5	5.3	5.2
47.5°	8.2	7.1	6.4	5.8	5.9	6.5	6.7	6.7	6.6	6.5	6.3
45°	7.9	7.3	7.0	7.3	7.7	8.0	8.0	7.9	8.2	8.4	8.2
42.5°	8.8	8.9	9.6	10.1	9.7	10.4	11.1	11.1	11.6	12.0	12.0
40°	12.4	12.1	13.9	14.4	14.6	15.3	17.3	17.0	17.9	20.4	20.8
37.5°	17.8	18.8	19.9	21.0	24.1	26.1	29.9	32.9	34.6	39.2	42.8
35°	25.1	27.5	28.2	34.3	40.6	46.5	51.8	58.3	61.1	71.3	78.4
32.5°	35.5	40.6	47.6	57.7	69.5	83.7	83.1	104.6	112.4	133.4	157.5
30°	49.6	64.0	86.9	102.8	132.1	155.1	166.7	200.3	245.5	288.6	347.4
27.5°	80.6	111.0	152.5	207.3	235.8	270.5	322.8	363.0	466.1	564.6	636.9
25°	138.7	202.4	280.7	361.6	412.3	457.7	553.4	623.6	769.8	879.5	1036.1
22.5°	265.2	401.4	500.5	560.6	669.2	811.3	880.2	1073.3	1290.1	1566.9	1795.6
20°	446.9	661.2	882.2	1017.1	1141.2	1454.7	1592.2	1953.9	2414.8	2935.6	3369.7
17.5°	874.4	1070.3	1520.1	1958.3	2288.1	2597.7	3466.8	4087.6	5292.4	6767.1	7447.2
15°	1569.1	2116.4	2641.3	3436.3	4277.6	5213.7	6577.4	8931.9	11889.1	15113.7	18601.6
12.5°	2543.7	3542.9	4481.8	5482.5	6687.0	8987.0	12096.4	16208.5	21522.0	27223.0	33805.5
10°	3638.7	5159.3	6530.7	8041.6	10180.3	13597.2	18205.9	24549.5	34012.1	43684.6	52074.6
7.5°	4619.3	6460.9	8321.1	10508.0	13898.0	18778.2	25408.7	35313.5	47670.7	59640.5	69846.7
5°	5558.9	7710.3	9830.6	12437.1	16709.6	23078.7	31659.8	45248.0	60869.7	74151.2	85336.7
2.5°	6291.1	8687.9	11114.3	14179.8	19054.4	26301.0	36047.5	52494.2	71348.8	86078.6	98868.6
0°	6710.5	9009.0	11642.9	14819.0	20427.9	28321.6	38317.3	55829.9	74607.2	90976.3	103475.5
-2.5°	6628.4	9036.9	11729.7	14942.6	20259.0	27837.7	37691.3	54397.0	73086.2	87842.7	99954.3
-5°	6210.0	8413.5	10787.5	13606.5	18297.5	25203.1	34878.0	50576.9	67921.5	82681.5	94991.0
-7.5°	5557.4	7506.0	9572.7	12026.2	15993.6	22002.4	30318.6	42542.2	57909.6	71277.6	80503.8
-10°	4845.2	6559.8	8424.8	10645.2	13774.4	18485.0	24786.0	33616.0	46184.6	57323.8	65881.8
-12.5°	4170.0	5728.7	7351.1	9205.1	11573.6	15283.8	20072.8	26665.1	34767.1	43923.7	52665.2
-15°	3522.4	4891.2	6307.0	8023.2	10082.9	12600.2	15819.7	20255.0	25577.9	31579.4	38053.4
-17.5°	2905.9	4107.8	5439.8	6938.3	8640.4	10563.7	13263.7	16305.2	19684.4	23594.8	27302.1
-20°	2279.8	3390.3	4599.0	5933.1	7460.2	9213.4	11134.6	13419.3	15864.1	18535.8	21309.1



REPORT NUMBER: P1306027 (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°	1740.0	2686.3	3743.8	4958.4	6392.1	7937.5	9427.8	10927.3	12736.1	14498.1	16267.7
-25°	1218.5	1968.9	2956.3	4117.3	5334.7	6626.3	7732.4	8789.3	10045.4	11175.0	12351.4
-27.5°	896.1	1411.7	2228.3	3258.0	4349.8	5235.8	6167.0	7033.9	7943.4	8660.4	9489.0
-30°	683.3	980.2	1587.0	2390.2	3266.2	4038.2	4756.8	5541.9	6289.8	6912.2	7433.1
-32.5°	623.2	736.3	1043.5	1603.0	2236.2	2921.2	3543.0	4226.4	4853.7	5371.4	5786.1
-35°	585.7	647.1	736.6	1019.0	1390.3	1931.2	2450.0	3009.6	3529.6	3956.7	4300.1
-37.5°	553.7	607.5	660.3	713.4	917.9	1146.0	1520.5	1925.6	2276.8	2667.4	2972.2
-40°	513.9	574.3	617.1	660.7	709.8	766.8	964.4	1141.9	1340.5	1616.2	1844.5
-42.5°	470.3	521.3	574.5	617.2	655.1	695.4	740.1	784.5	875.8	991.8	1086.1
-45°	441.7	475.3	513.9	562.4	606.7	640.2	673.5	705.7	736.2	763.7	786.7
-47.5°	410.8	439.3	470.7	504.0	536.8	574.1	609.1	638.3	661.5	683.6	703.3
-50°	383.4	404.5	430.9	456.8	482.6	509.1	535.2	557.8	580.2	600.3	620.0
-52.5°	361.1	378.9	396.3	413.7	434.7	455.1	474.4	491.8	507.6	521.4	535.9
-55°	323.7	346.1	368.4	383.8	397.1	409.9	422.6	437.0	449.6	460.4	470.5
-57.5°	272.9	300.0	324.8	342.9	360.1	376.2	387.4	395.7	403.7	411.3	418.2
-60°	219.1	239.4	263.1	286.3	307.8	327.2	339.8	350.4	359.4	367.0	373.7
-62.5°	169.3	186.7	206.0	224.8	242.1	259.2	275.8	290.3	302.7	313.3	322.0
-65°	123.3	138.5	155.0	170.9	186.1	201.1	214.9	227.5	238.8	248.9	258.3
-67.5°	87.8	98.9	110.9	121.7	133.8	147.0	159.9	171.6	181.9	190.1	196.2
-70°	64.6	70.9	78.7	88.0	98.0	107.5	116.8	125.8	134.3	141.7	148.3
-72.5°	45.9	52.4	58.6	64.5	70.7	76.9	83.3	89.9	96.7	102.3	107.2
-75°	25.1	28.4	33.7	38.8	43.8	48.6	52.8	56.5	59.8	62.4	64.7
-77.5°	17.8	20.0	22.2	24.3	26.4	28.9	31.6	34.2	36.8	38.9	40.8
-80°	13.8	15.0	16.3	17.6	19.1	20.8	22.6	24.4	26.2	27.5	28.7
-82.5°	10.1	11.0	11.8	12.7	13.6	14.7	15.8	16.8	17.9	18.6	19.3
-85°	7.2	7.7	8.4	9.0	9.6	10.6	11.6	12.6	13.5	14.2	14.8
-87.5°	5.5	5.9	6.2	6.6	6.9	7.7	8.6	9.4	10.3	10.6	10.9
-90°	3.4	3.4	3.4	3.4	3.4	3.1	2.9	2.6	2.3	2.0	1.7



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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°	10.9	11.5	11.5	11.5	11.5	11.5	10.9	10.3	9.8	9.2	8.6
87.5°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.6
85°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.6
82.5°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.6
80°	1.4	1.1	1.1	1.1	1.1	1.1	1.4	1.7	2.0	2.3	2.6
77.5°	2.3	2.3	1.7	1.1	1.7	2.3	2.3	2.3	2.3	2.3	2.6
75°	2.6	2.3	1.7	1.1	1.7	2.3	2.6	2.8	3.0	3.2	3.4
72.5°	3.7	3.4	3.4	3.4	3.4	3.4	3.7	3.9	4.2	4.4	4.8
70°	4.1	3.5	3.4	3.4	3.4	3.5	4.1	4.6	5.1	5.6	6.1
67.5°	5.6	5.6	5.7	5.7	5.7	5.6	5.6	5.6	5.6	6.0	6.6
65°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	6.0	6.7
62.5°	4.7	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.9	5.5	6.3
60°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	5.0	5.5
57.5°	3.5	3.5	3.4	3.4	3.4	3.5	3.5	3.7	3.8	4.3	4.8
55°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.8	4.1
52.5°	3.9	3.5	3.4	3.4	3.4	3.5	3.9	4.1	4.2	4.3	4.4
50°	4.9	4.7	4.6	4.6	4.6	4.7	4.9	5.2	5.3	5.5	5.6
47.5°	6.1	5.8	5.7	5.7	5.7	5.8	6.1	6.3	6.5	6.6	6.7
45°	7.8	7.2	6.9	6.9	6.9	7.2	7.8	8.2	8.4	8.2	7.9
42.5°	11.9	11.6	11.4	11.5	11.4	11.6	11.9	12.0	12.0	11.6	11.1
40°	21.8	22.4	22.7	23.0	22.7	22.4	21.8	20.8	20.4	17.9	17.0
37.5°	44.7	43.9	41.9	42.5	41.9	43.9	44.7	42.8	39.2	34.6	32.9
35°	83.1	88.0	91.6	94.2	91.6	88.0	83.1	78.4	71.3	61.1	58.3
32.5°	166.5	173.3	171.3	167.7	171.3	173.3	166.5	157.5	133.4	112.4	104.6
30°	382.1	402.1	396.7	373.3	396.7	402.1	382.1	347.4	288.6	245.5	200.3
27.5°	688.9	737.1	768.5	752.4	768.5	737.1	688.9	636.9	564.6	466.1	363.0
25°	1171.2	1264.8	1331.8	1303.7	1331.8	1264.8	1171.2	1036.1	879.5	769.8	623.6
22.5°	2082.5	2236.2	2327.5	2351.3	2327.5	2236.2	2082.5	1795.6	1566.9	1290.1	1073.3
20°	3915.8	4038.4	4062.6	4002.0	4062.6	4038.4	3915.8	3369.7	2935.6	2414.8	1953.9
17.5°	9421.9	9987.8	9573.0	9137.7	9573.0	9987.8	9421.9	7447.2	6767.1	5292.4	4087.6
15°	21553.1	23942.8	25304.2	25582.0	25304.2	23942.8	21553.1	18601.6	15113.7	11889.1	8931.9
12.5°	37977.7	41829.0	43418.3	43269.8	43418.3	41829.0	37977.7	33805.5	27223.0	21522.0	16208.5
10°	57456.4	61573.9	65116.6	65152.5	65116.6	61573.9	57456.4	52074.6	43684.6	34012.1	24549.5
7.5°	76930.7	81679.2	85012.1	85962.9	85012.1	81679.2	76930.7	69846.7	59640.5	47670.7	35313.5
5°	93979.2	99858.1	103167.0	104177.4	103167.0	99858.1	93979.2	85336.7	74151.2	60869.7	45248.0
2.5°	108968.2	116170.1	119799.1	120363.3	119799.1	116170.1	108968.2	98868.6	86078.6	71348.8	52494.2
0°	113092.2	119512.1	124211.9	125884.9	124211.9	119512.1	113092.2	103475.5	90976.3	74607.2	55829.9
-2.5°	109026.6	114643.2	117444.3	118612.7	117444.3	114643.2	109026.6	99954.3	87842.7	73086.2	54397.0
-5°	102600.0	107841.7	111409.1	112235.3	111409.1	107841.7	102600.0	94991.0	82681.5	67921.5	50576.9
-7.5°	86588.9	91748.2	93351.1	95168.3	93351.1	91748.2	86588.9	80503.8	71277.6	57909.6	42542.2
-10°	72346.7	76360.2	77464.1	78751.6	77464.1	76360.2	72346.7	65881.8	57323.8	46184.6	33616.0
-12.5°	59860.7	63836.3	65636.0	67176.4	65636.0	63836.3	59860.7	52665.2	43923.7	34767.1	26665.1
-15°	43856.1	47592.7	48883.4	49716.7	48883.4	47592.7	43856.1	38053.4	31579.4	25577.9	20255.0
-17.5°	31768.6	34614.3	36305.4	37285.8	36305.4	34614.3	31768.6	27302.1	23594.8	19684.4	16305.2
-20°	23746.9	25377.7	26687.7	26831.8	26687.7	25377.7	23746.9	21309.1	18535.8	15864.1	13419.3



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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°	17750.4	18721.8	19324.9	19288.4	19324.9	18721.8	17750.4	16267.7	14498.1	12736.1	10927.3
-25°	13248.6	13901.7	14317.0	14391.7	14317.0	13901.7	13248.6	12351.4	11175.0	10045.4	8789.3
-27.5°	10082.2	10542.0	10780.2	10792.9	10780.2	10542.0	10082.2	9489.0	8660.4	7943.4	7033.9
-30°	7811.2	8194.1	8448.2	8642.6	8448.2	8194.1	7811.2	7433.1	6912.2	6289.8	5541.9
-32.5°	6134.6	6461.5	6683.1	6815.1	6683.1	6461.5	6134.6	5786.1	5371.4	4853.7	4226.4
-35°	4599.1	4860.9	5017.6	4978.3	5017.6	4860.9	4599.1	4300.1	3956.7	3529.6	3009.6
-37.5°	3240.8	3462.7	3620.6	3720.5	3620.6	3462.7	3240.8	2972.2	2667.4	2276.8	1925.6
-40°	2042.0	2195.5	2304.7	2374.3	2304.7	2195.5	2042.0	1844.5	1616.2	1340.5	1141.9
-42.5°	1163.0	1220.3	1259.0	1279.6	1259.0	1220.3	1163.0	1086.1	991.8	875.8	784.5
-45°	804.4	818.7	829.0	835.1	829.0	818.7	804.4	786.7	763.7	736.2	705.7
-47.5°	718.8	730.5	738.1	742.0	738.1	730.5	718.8	703.3	683.6	661.5	638.3
-50°	637.6	652.0	660.7	663.9	660.7	652.0	637.6	620.0	600.3	580.2	557.8
-52.5°	549.4	561.1	569.0	573.2	569.0	561.1	549.4	535.9	521.4	507.6	491.8
-55°	479.4	486.9	490.7	491.6	490.7	486.9	479.4	470.5	460.4	449.6	437.0
-57.5°	424.1	428.8	432.6	435.3	432.6	428.8	424.1	418.2	411.3	403.7	395.7
-60°	379.1	383.2	385.4	386.0	385.4	383.2	379.1	373.7	367.0	359.4	350.4
-62.5°	328.7	333.6	337.4	340.0	337.4	333.6	328.7	322.0	313.3	302.7	290.3
-65°	266.9	274.4	278.3	280.3	278.3	274.4	266.9	258.3	248.9	238.8	227.5
-67.5°	201.1	204.9	205.9	205.6	205.9	204.9	201.1	196.2	190.1	181.9	171.6
-70°	154.5	160.1	162.2	163.1	162.2	160.1	154.5	148.3	141.7	134.3	125.8
-72.5°	111.7	115.7	118.0	119.5	118.0	115.7	111.7	107.2	102.3	96.7	89.9
-75°	66.7	68.3	69.3	70.1	69.3	68.3	66.7	64.7	62.4	59.8	56.5
-77.5°	42.7	44.5	45.3	45.9	45.3	44.5	42.7	40.8	38.9	36.8	34.2
-80°	29.8	30.8	31.0	31.0	31.0	30.8	29.8	28.7	27.5	26.2	24.4
-82.5°	20.0	20.6	20.7	20.7	20.7	20.6	20.0	19.3	18.6	17.9	16.8
-85°	15.4	16.1	16.1	16.1	16.1	16.1	15.4	14.8	14.2	13.5	12.6
-87.5°	11.2	11.5	12.0	12.6	12.0	11.5	11.2	10.9	10.6	10.3	9.4
-90°	1.4	1.1	0.6	0.0	0.6	1.1	1.4	1.7	2.0	2.3	2.6



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	8.0	7.5	6.9	6.3	5.7	5.2	4.6	4.6	4.6	4.6	4.6
87.5°	2.9	3.1	3.4	3.4	3.4	3.4	3.4	3.7	4.0	4.3	4.6
85°	2.9	3.1	3.4	3.6	3.8	4.0	4.2	4.2	4.3	4.4	4.6
82.5°	2.9	3.1	3.4	3.7	4.0	4.3	4.6	4.6	4.6	4.6	4.6
80°	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.6	4.6	4.6	4.6
77.5°	2.9	3.2	3.5	3.8	4.1	4.4	4.6	4.6	4.6	4.6	4.6
75°	3.7	3.8	4.0	4.3	4.4	4.5	4.7	4.9	5.0	5.0	4.8
72.5°	5.2	5.4	5.7	6.0	6.2	6.3	6.4	6.2	6.1	5.9	5.6
70°	6.6	7.0	7.9	8.9	9.5	9.8	9.4	8.7	8.0	7.6	7.0
67.5°	7.2	7.8	9.3	10.9	12.1	13.1	13.1	12.4	11.5	10.5	9.0
65°	7.3	7.9	10.0	12.3	14.2	15.8	16.9	17.0	16.3	14.6	11.8
62.5°	7.1	7.9	9.7	11.7	14.2	17.7	21.2	22.5	22.4	19.8	15.9
60°	6.2	7.1	8.4	10.1	12.2	16.9	22.8	27.1	29.8	25.6	20.0
57.5°	5.4	6.0	6.9	8.1	9.8	15.1	22.1	29.9	34.9	29.2	23.8
55°	4.5	5.0	5.7	6.3	7.4	12.3	18.8	26.5	32.2	30.5	24.6
52.5°	4.6	4.9	5.2	5.5	6.6	9.4	13.8	21.0	25.3	24.9	23.1
50°	5.6	5.4	5.4	5.6	6.3	7.3	10.1	15.1	17.3	19.1	19.0
47.5°	6.7	6.5	5.9	5.8	6.4	7.1	8.2	9.6	12.3	13.3	14.5
45°	8.0	8.0	7.7	7.3	7.0	7.3	7.9	9.0	9.7	10.9	10.5
42.5°	11.1	10.4	9.7	10.1	9.6	8.9	8.8	9.8	10.1	10.3	11.1
40°	17.3	15.3	14.6	14.4	13.9	12.1	12.4	12.0	11.9	11.2	13.0
37.5°	29.9	26.1	24.1	21.0	19.9	18.8	17.8	16.8	15.2	15.6	16.5
35°	51.8	46.5	40.6	34.3	28.2	27.5	25.1	22.8	21.6	21.7	21.5
32.5°	83.1	83.7	69.5	57.7	47.6	40.6	35.5	30.4	31.7	30.6	28.1
30°	166.7	155.1	132.1	102.8	86.9	64.0	49.6	46.2	44.1	41.8	36.1
27.5°	322.8	270.5	235.8	207.3	152.5	111.0	80.6	66.0	59.1	54.5	49.7
25°	553.4	457.7	412.3	361.6	280.7	202.4	138.7	98.0	79.5	71.5	82.2
22.5°	880.2	811.3	669.2	560.6	500.5	401.4	265.2	136.5	111.6	119.2	120.5
20°	1592.2	1454.7	1141.2	1017.1	882.2	661.2	446.9	281.2	208.3	180.5	164.5
17.5°	3466.8	2597.7	2288.1	1958.3	1520.1	1070.3	874.4	581.7	334.1	251.5	213.7
15°	6577.4	5213.7	4277.6	3436.3	2641.3	2116.4	1569.1	961.9	524.2	351.1	284.3
12.5°	12096.4	8987.0	6687.0	5482.5	4481.8	3542.9	2543.7	1566.6	843.7	503.3	390.9
10°	18205.9	13597.2	10180.3	8041.6	6530.7	5159.3	3638.7	2226.5	1205.4	675.5	500.0
7.5°	25408.7	18778.2	13898.0	10508.0	8321.1	6460.9	4619.3	2890.6	1571.0	851.3	609.8
5°	31659.8	23078.7	16709.6	12437.1	9830.6	7710.3	5558.9	3535.9	1925.2	1025.3	718.4
2.5°	36047.5	26301.0	19054.4	14179.8	11114.3	8687.9	6291.1	4011.0	2158.0	1145.7	783.4
0°	38317.3	28321.6	20427.9	14819.0	11642.9	9009.0	6710.5	4294.9	2298.5	1242.9	843.1
-2.5°	37691.3	27837.7	20259.0	14942.6	11729.7	9036.9	6628.4	4336.7	2355.5	1272.7	848.3
-5°	34878.0	25203.1	18297.5	13606.5	10787.5	8413.5	6210.0	4132.8	2306.1	1265.2	848.2
-7.5°	30318.6	22002.4	15993.6	12026.2	9572.7	7506.0	5557.4	3693.4	2102.2	1165.5	803.7
-10°	24786.0	18485.0	13774.4	10645.2	8424.8	6559.8	4845.2	3204.6	1846.5	1050.5	755.1
-12.5°	20072.8	15283.8	11573.6	9205.1	7351.1	5728.7	4170.0	2701.2	1542.1	922.8	703.2
-15°	15819.7	12600.2	10082.9	8023.2	6307.0	4891.2	3522.4	2201.6	1217.3	790.0	648.8
-17.5°	13263.7	10563.7	8640.4	6938.3	5439.8	4107.8	2905.9	1799.5	1010.2	692.0	603.4
-20°	11134.6	9213.4	7460.2	5933.1	4599.0	3390.3	2279.8	1368.4	846.9	640.7	565.8



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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°	9427.8	7937.5	6392.1	4958.4	3743.8	2686.3	1740.0	1002.5	666.7	588.6	526.0
-25°	7732.4	6626.3	5334.7	4117.3	2956.3	1968.9	1218.5	808.9	615.2	540.1	484.3
-27.5°	6167.0	5235.8	4349.8	3258.0	2228.3	1411.7	896.1	643.7	573.5	507.1	443.1
-30°	4756.8	4038.2	3266.2	2390.2	1587.0	980.2	683.3	598.6	536.6	475.4	414.2
-32.5°	3543.0	2921.2	2236.2	1603.0	1043.5	736.3	623.2	556.4	500.7	444.4	395.3
-35°	2450.0	1931.2	1390.3	1019.0	736.6	647.1	585.7	525.7	466.2	415.8	377.3
-37.5°	1520.5	1146.0	917.9	713.4	660.3	607.5	553.7	492.9	434.3	394.3	360.9
-40°	964.4	766.8	709.8	660.7	617.1	574.3	513.9	454.9	413.0	373.7	344.9
-42.5°	740.1	695.4	655.1	617.2	574.5	521.3	470.3	430.3	392.0	358.0	333.5
-45°	673.5	640.2	606.7	562.4	513.9	475.3	441.7	405.9	371.8	346.0	323.7
-47.5°	609.1	574.1	536.8	504.0	470.7	439.3	410.8	381.3	357.2	333.7	302.2
-50°	535.2	509.1	482.6	456.8	430.9	404.5	383.4	364.9	338.7	308.2	275.2
-52.5°	474.4	455.1	434.7	413.7	396.3	378.9	361.1	336.4	309.1	274.5	238.1
-55°	422.6	409.9	397.1	383.8	368.4	346.1	323.7	297.8	266.6	232.7	200.6
-57.5°	387.4	376.2	360.1	342.9	324.8	300.0	272.9	246.1	221.4	192.3	163.0
-60°	339.8	327.2	307.8	286.3	263.1	239.4	219.1	198.0	176.2	152.1	127.2
-62.5°	275.8	259.2	242.1	224.8	206.0	186.7	169.3	151.7	132.7	112.3	95.3
-65°	214.9	201.1	186.1	170.9	155.0	138.5	123.3	109.3	96.0	81.6	67.5
-67.5°	159.9	147.0	133.8	121.7	110.9	98.9	87.8	76.2	67.8	60.5	53.0
-70°	116.8	107.5	98.0	88.0	78.7	70.9	64.6	58.5	52.1	44.7	37.3
-72.5°	83.3	76.9	70.7	64.5	58.6	52.4	45.9	39.4	32.9	26.6	22.0
-75°	52.8	48.6	43.8	38.8	33.7	28.4	25.1	22.9	20.7	18.6	16.4
-77.5°	31.6	28.9	26.4	24.3	22.2	20.0	17.8	16.3	15.2	14.1	13.2
-80°	22.6	20.8	19.1	17.6	16.3	15.0	13.8	13.0	12.2	11.5	10.8
-82.5°	15.8	14.7	13.6	12.7	11.8	11.0	10.1	9.6	9.2	8.8	8.4
-85°	11.6	10.6	9.6	9.0	8.4	7.7	7.2	7.0	6.9	6.8	6.6
-87.5°	8.6	7.7	6.9	6.6	6.2	5.9	5.5	5.5	5.4	5.4	5.4
-90°	2.9	3.1	3.4	3.4	3.4	3.4	3.4	3.7	4.0	4.3	4.6



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	4.6	4.6	4.6	4.6	4.9	5.2	5.4	5.7	5.4	5.2	4.9
87.5°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.8
85°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.8	5.0	5.1
82.5°	4.6	4.6	4.6	4.6	4.8	4.9	4.9	4.9	5.0	5.2	5.4
80°	4.6	4.6	4.6	4.6	4.9	5.2	5.3	5.4	5.3	5.4	5.5
77.5°	4.6	4.6	4.6	4.7	4.9	5.2	5.5	5.7	5.6	5.5	5.6
75°	4.6	4.6	4.6	4.7	5.0	5.2	5.5	5.7	5.7	5.7	5.7
72.5°	5.4	5.1	4.8	4.7	5.0	5.3	5.5	5.7	5.7	5.7	5.7
70°	6.3	5.8	5.5	5.3	5.2	5.3	5.6	5.7	5.7	5.7	5.7
67.5°	7.5	6.7	6.2	5.8	5.5	5.5	5.6	5.7	5.7	5.7	5.7
65°	9.9	8.3	6.8	6.2	5.8	5.7	5.7	5.7	5.7	5.7	5.7
62.5°	12.7	10.3	8.6	7.0	6.1	5.8	5.7	5.7	5.7	5.7	5.7
60°	15.6	12.5	10.3	8.4	6.8	5.8	5.7	5.7	5.7	5.7	5.7
57.5°	18.4	14.3	11.7	9.7	8.0	6.4	5.7	5.7	5.7	5.7	5.7
55°	19.9	15.7	13.0	10.7	8.9	7.3	6.0	5.7	5.7	5.7	5.7
52.5°	19.0	16.3	13.9	11.4	9.4	8.1	6.8	5.7	5.7	5.7	5.7
50°	16.6	16.0	14.3	11.9	9.8	8.5	7.5	6.2	5.7	5.7	5.8
47.5°	15.1	15.4	14.3	12.1	9.9	8.8	7.9	6.7	5.7	5.7	5.9
45°	13.3	14.6	14.2	12.4	10.1	9.2	8.2	7.2	6.1	5.8	6.0
42.5°	11.9	13.8	13.9	12.8	11.0	9.5	8.5	7.5	6.4	5.8	6.1
40°	13.6	13.5	14.0	13.7	12.1	9.8	8.8	7.7	6.7	6.0	6.1
37.5°	16.3	15.2	14.4	16.0	13.6	10.9	9.0	7.9	7.1	6.4	6.2
35°	20.6	18.4	17.8	19.3	16.7	12.1	9.2	8.1	7.6	6.7	6.3
32.5°	25.9	24.4	24.0	23.3	20.8	13.4	10.0	9.0	8.2	7.0	6.3
30°	34.4	35.4	31.1	28.2	25.5	17.2	11.6	9.9	8.9	7.3	6.5
27.5°	53.2	49.7	40.0	34.7	30.1	22.1	14.3	11.1	9.8	7.7	6.7
25°	78.2	68.8	54.1	42.1	35.4	34.5	17.3	12.3	10.7	8.3	7.0
22.5°	110.6	92.1	70.4	50.1	54.0	50.7	24.0	14.8	11.7	9.0	7.2
20°	147.7	118.9	92.9	77.4	75.8	67.1	35.8	17.3	12.7	9.7	7.4
17.5°	188.7	164.0	141.0	112.8	99.0	85.3	49.7	20.0	13.8	10.4	7.6
15°	261.9	231.8	193.2	151.3	123.2	104.9	65.0	22.8	14.9	11.2	7.9
12.5°	345.7	303.0	248.3	192.1	148.1	125.5	81.4	25.6	16.1	12.2	8.5
10°	431.9	376.6	305.2	234.2	173.6	146.7	98.3	29.3	18.4	13.5	9.1
7.5°	519.2	451.0	362.7	276.8	199.5	169.4	117.0	34.7	21.0	14.8	9.7
5°	600.8	516.5	411.2	313.6	227.1	193.1	135.2	40.2	23.7	16.1	10.3
2.5°	656.4	566.2	451.8	347.1	254.1	216.1	151.9	45.5	26.2	17.3	10.9
0°	708.7	612.2	489.3	377.9	280.3	237.8	166.6	50.5	28.7	18.4	11.5
-2.5°	718.3	620.1	494.5	385.7	291.0	246.1	172.2	59.6	34.8	21.7	13.1
-5°	724.0	623.1	496.3	390.8	300.4	252.5	175.4	68.1	40.5	24.8	14.6
-7.5°	695.7	603.1	487.0	391.4	308.4	256.9	176.4	75.9	45.8	27.6	16.0
-10°	657.8	567.9	462.7	377.0	306.0	256.2	175.4	82.6	50.5	30.1	17.3
-12.5°	617.9	530.2	437.5	361.8	301.4	251.5	172.1	88.7	54.5	32.2	18.3
-15°	576.8	490.5	412.1	346.3	296.6	246.0	167.8	93.7	58.3	34.1	19.2
-17.5°	536.7	449.5	387.3	331.1	291.9	239.9	162.7	97.4	61.3	36.0	20.2
-20°	498.0	418.3	364.2	316.6	287.3	233.4	157.0	99.7	63.2	37.1	21.0



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	459.0	396.9	349.0	308.5	280.8	226.7	151.1	100.6	64.0	37.5	21.7
-25°	421.4	376.0	334.8	303.0	271.0	216.9	148.2	99.9	63.7	37.1	22.0
-27.5°	394.6	357.1	321.0	296.9	259.5	207.7	146.8	99.3	62.6	35.9	21.9
-30°	373.0	341.5	312.2	288.3	247.7	194.1	143.3	97.2	61.1	35.1	21.5
-32.5°	357.5	327.0	304.1	274.6	232.5	179.6	134.9	93.4	58.4	34.6	21.0
-35°	344.9	317.1	294.9	261.0	215.2	166.9	124.0	88.0	54.5	33.5	20.1
-37.5°	331.4	309.3	280.1	244.6	197.1	152.8	113.2	79.3	49.3	32.0	18.9
-40°	322.6	297.9	265.9	224.3	179.8	137.3	101.0	70.5	46.0	30.0	17.3
-42.5°	312.5	281.2	244.5	203.1	161.4	122.6	88.0	61.1	42.2	27.7	15.3
-45°	293.1	259.8	219.4	180.3	142.0	106.5	77.0	51.9	37.8	24.9	13.5
-47.5°	269.8	230.8	192.9	156.2	122.6	90.3	65.3	46.4	33.0	21.6	12.4
-50°	236.7	200.4	165.1	132.7	101.6	76.8	54.4	40.4	28.2	17.5	11.0
-52.5°	202.8	168.9	138.2	109.1	84.5	62.5	47.0	34.0	23.1	14.7	9.4
-55°	168.2	139.0	112.0	88.6	67.7	52.2	39.0	27.9	17.8	12.5	7.9
-57.5°	136.0	110.2	89.1	69.3	54.7	42.7	31.3	21.4	14.6	10.3	8.0
-60°	104.5	85.7	67.3	55.2	44.3	33.5	23.7	16.0	12.2	8.5	8.0
-62.5°	78.3	63.2	53.7	43.9	34.1	24.8	16.7	13.3	9.7	8.4	8.0
-65°	59.1	50.4	41.6	32.8	24.1	17.2	13.8	10.6	8.9	8.2	7.9
-67.5°	45.3	37.2	29.3	21.5	17.2	14.0	11.0	9.4	8.5	8.0	7.6
-70°	30.2	23.3	19.3	16.4	13.5	11.0	9.7	8.6	8.0	7.7	7.3
-72.5°	19.6	17.2	14.7	12.2	11.1	9.9	8.8	7.9	7.6	7.3	7.0
-75°	14.3	13.1	12.0	11.0	10.0	8.9	8.0	7.5	7.2	6.9	6.6
-77.5°	12.2	11.4	10.6	9.7	8.7	7.9	7.4	7.0	6.8	6.5	6.3
-80°	10.1	9.3	8.6	7.8	7.3	6.9	6.7	6.5	6.3	6.1	5.9
-82.5°	7.8	7.3	6.9	6.6	6.4	6.3	6.2	6.0	5.9	5.7	5.6
-85°	6.4	6.2	6.0	5.9	5.8	5.7	5.7	5.7	5.6	5.5	5.4
-87.5°	5.3	5.3	5.3	5.2	5.3	5.4	5.6	5.7	5.5	5.3	5.1
-90°	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	4.6	4.9	5.2	5.4	5.7	5.1	4.6
87.5°	4.9	4.8	4.8	4.7	4.7	4.6	4.6
85°	5.2	5.1	5.0	4.9	4.8	4.7	4.6
82.5°	5.5	5.3	5.2	5.0	4.9	4.7	4.6
80°	5.7	5.5	5.4	5.2	5.0	4.8	4.6
77.5°	5.7	5.7	5.5	5.3	5.1	4.8	4.6
75°	5.7	5.7	5.7	5.5	5.2	4.9	4.6
72.5°	5.7	5.7	5.7	5.6	5.3	4.9	4.6
70°	5.7	5.7	5.7	5.7	5.4	5.0	4.6
67.5°	5.7	5.7	5.7	5.7	5.4	5.0	4.6
65°	5.7	5.7	5.7	5.7	5.5	5.1	4.6
62.5°	5.7	5.7	5.7	5.7	5.6	5.1	4.6
60°	5.7	5.7	5.7	5.7	5.7	5.1	4.6
57.5°	5.7	5.7	5.7	5.7	5.7	5.2	4.6
55°	5.7	5.7	5.7	5.7	5.7	5.2	4.6
52.5°	5.7	5.7	5.7	5.7	5.7	5.3	4.6
50°	5.7	5.7	5.7	5.7	5.7	5.3	4.6
47.5°	5.7	5.7	5.7	5.7	5.7	5.3	4.6
45°	5.8	5.7	5.7	5.7	5.7	5.4	4.6
42.5°	5.9	5.7	5.7	5.7	5.7	5.4	4.6
40°	6.1	5.7	5.7	5.7	5.7	5.4	4.6
37.5°	6.2	5.7	5.7	5.7	5.7	5.5	4.6
35°	6.4	5.8	5.7	5.7	5.7	5.5	4.6
32.5°	6.5	5.9	5.7	5.7	5.7	5.5	4.6
30°	6.6	6.0	5.7	5.7	5.7	5.6	4.6
27.5°	6.7	6.2	5.7	5.7	5.7	5.6	4.6
25°	6.7	6.3	5.7	5.7	5.7	5.6	4.6
22.5°	6.8	6.4	5.7	5.7	5.7	5.6	4.6
20°	6.9	6.5	5.7	5.7	5.7	5.6	4.6
17.5°	7.0	6.6	5.7	5.7	5.7	5.6	4.6
15°	7.1	6.7	5.7	5.7	5.7	5.7	4.6
12.5°	7.2	6.8	5.7	5.7	5.7	5.7	4.6
10°	7.4	6.8	5.7	5.7	5.7	5.7	4.6
7.5°	7.5	6.8	5.7	5.7	5.7	5.7	4.6
5°	7.7	6.9	5.7	5.7	5.7	5.7	4.6
2.5°	7.8	6.9	5.7	5.7	5.7	5.7	4.6
0°	8.0	6.9	5.7	5.7	5.7	5.7	4.6
-2.5°	8.8	7.0	5.7	5.7	5.7	5.7	4.6
-5°	9.5	7.1	5.7	5.7	5.7	5.7	4.6
-7.5°	10.2	7.2	5.7	5.7	5.7	5.7	4.6
-10°	10.8	7.3	5.7	5.7	5.7	5.7	4.6
-12.5°	11.2	7.3	5.7	5.7	5.7	5.7	4.6
-15°	11.6	7.3	5.7	5.7	5.7	5.7	4.6
-17.5°	11.8	7.3	5.7	5.7	5.7	5.7	4.6
-20°	12.0	7.2	5.7	5.7	5.7	5.6	4.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.3	7.1	5.7	5.7	5.7	5.6	4.6
-25°	12.3	7.1	5.7	5.7	5.7	5.6	4.6
-27.5°	12.1	7.1	5.7	5.7	5.7	5.6	4.6
-30°	11.7	7.0	5.7	5.7	5.7	5.6	4.6
-32.5°	11.0	6.8	5.8	5.7	5.7	5.6	4.6
-35°	10.6	6.5	5.9	5.7	5.7	5.6	4.6
-37.5°	10.2	6.3	6.0	5.7	5.7	5.5	4.6
-40°	9.7	6.4	6.0	5.7	5.7	5.5	4.6
-42.5°	9.1	6.5	6.1	5.7	5.7	5.5	4.6
-45°	8.2	6.6	6.1	5.7	5.7	5.5	4.6
-47.5°	7.3	6.7	6.2	5.8	5.7	5.5	4.6
-50°	7.2	6.8	6.2	5.8	5.7	5.5	4.6
-52.5°	7.3	6.8	6.2	5.8	5.7	5.4	4.6
-55°	7.4	6.8	6.2	5.8	5.7	5.4	4.6
-57.5°	7.5	6.8	6.2	5.8	5.7	5.4	4.6
-60°	7.5	6.7	6.1	5.8	5.7	5.4	4.6
-62.5°	7.4	6.6	6.1	5.8	5.7	5.4	4.6
-65°	7.2	6.5	6.0	5.8	5.7	5.4	4.6
-67.5°	7.0	6.4	6.0	5.7	5.7	5.3	4.6
-70°	6.8	6.3	5.9	5.7	5.7	5.3	4.6
-72.5°	6.6	6.1	5.8	5.7	5.7	5.3	4.6
-75°	6.3	5.9	5.7	5.6	5.7	5.3	4.6
-77.5°	6.0	5.8	5.6	5.6	5.7	5.3	4.6
-80°	5.7	5.6	5.5	5.6	5.7	5.2	4.6
-82.5°	5.5	5.4	5.4	5.5	5.7	5.2	4.6
-85°	5.2	5.2	5.3	5.5	5.7	5.2	4.6
-87.5°	4.9	5.1	5.2	5.5	5.7	5.2	4.6
-90°	4.6	4.6	4.6	4.6	4.6	4.6	4.6

(END OF REPORT)