

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: P1306160 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-1S-VHE-A**

Issue Date: 2/3/2026

**Test Information**

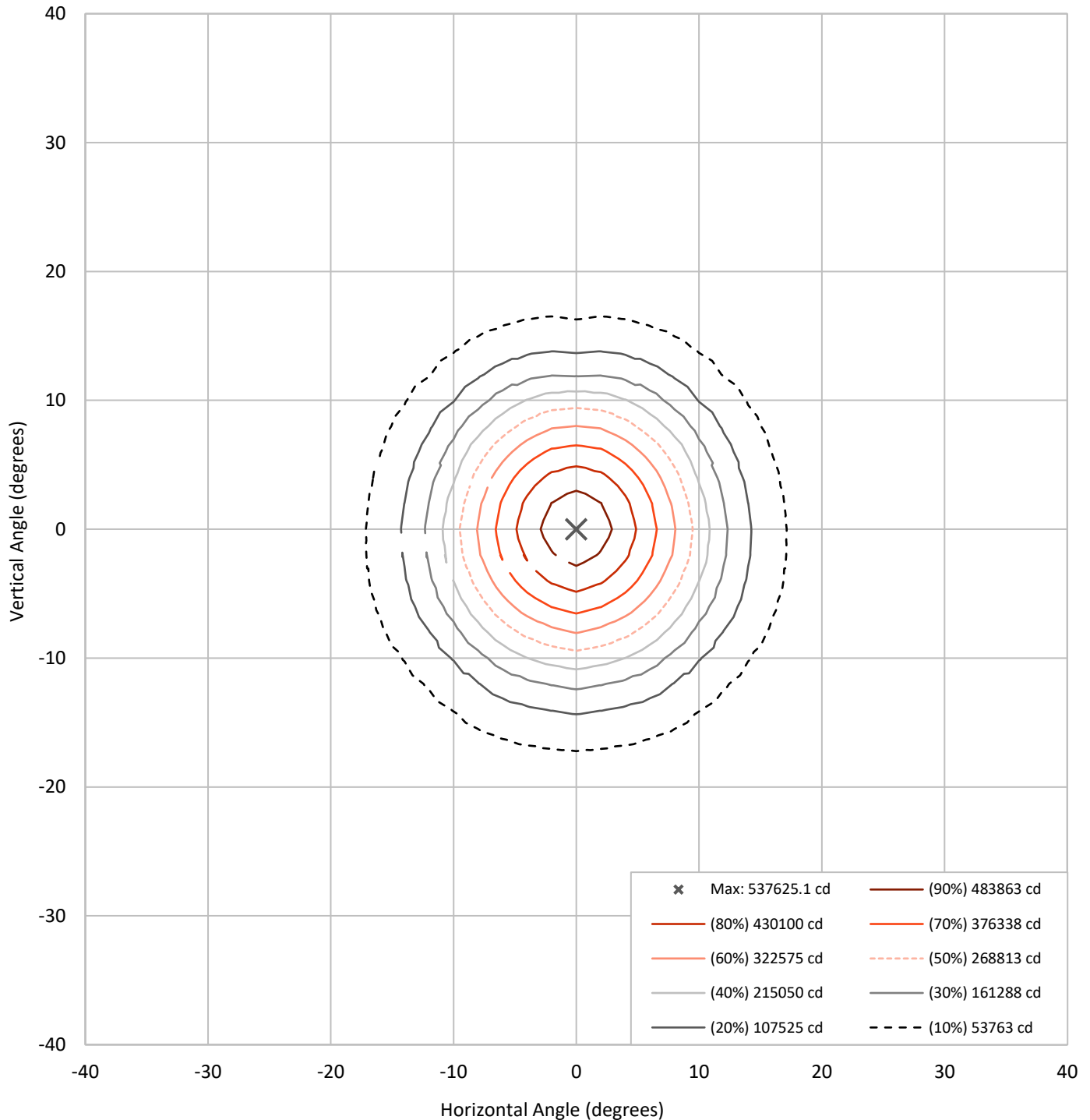
Test Method: LM-79-08  
Report Number: P1306160 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHESUS  
Catalog Number: EPH-08-530N-40-80-1S-VHE-A  
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 1S BEAM SHAPE WITH ANODIZED CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	70864.1 lumens	Max Intensity:	537625.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	125.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	19°H x 18.9°V	Field Angle (10%):	34°H x 33.3°V
Beam Lumens:	31412.9 lumens	Field Lumens:	57213.7 lumens
Beam Efficiency:	44.3%	Field Efficiency:	80.7%
Input Watts (W):	566		
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





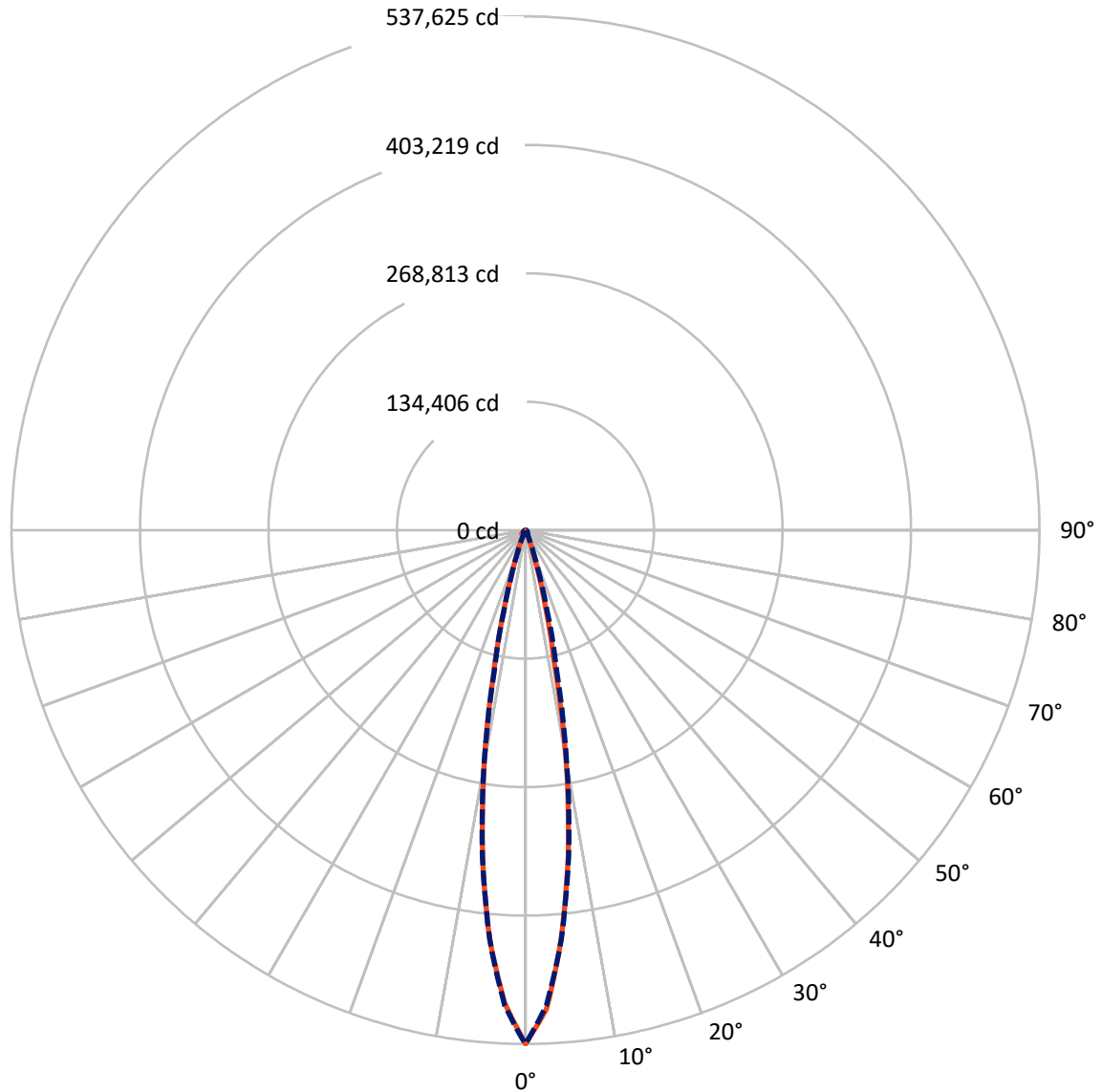
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### Lumen Table

90	0.2	1.0		1.8		2.4		2.7		2.4		1.8		1.0		0.2			
80	0.2	1.0		1.8		2.4		2.7		2.4		1.8		1.0		0.2			
70	0.3	0.2	0.2	0.5	0.6	0.4	0.2	0.2	0.2	0.2	0.4	0.6	0.5	0.2	0.2	0.3			
60		0.4	0.8	0.9	0.8	0.8	1.0	1.0	1.0	1.0	0.8	0.8	0.9	0.8	0.4				
50	1.0	1.2	2.7	5.1	8.0	13.8	21.0	23.2	23.2	21.0	13.8	8.0	5.1	2.7	1.2	1.0			
40		2.7	7.6	13.8	29.0	47.4	53.1	55.7	55.7	53.1	47.4	29.0	13.8	7.6	2.7				
30	2.3	4.6	12.5	25.6	61.0	64.7	78.5	129.9	129.9	78.5	64.7	61.0	25.6	12.5	4.6	2.3			
20		6.2	16.0	45.6	80.8	95.4	593.8	2366.4	2366.4	593.8	95.4	80.8	45.6	16.0	6.2				
10	3.4	7.6	18.8	60.4	90.1	177.9	2399.3	9982.4	9982.4	2399.3	177.9	90.1	60.4	18.8	7.6	3.4			
0		8.5	21.1	64.5	100.2	198.9	2522.4	9934.3	9934.3	2522.4	198.9	100.2	64.5	21.1	8.5				
-10	4.0	8.8	22.6	63.7	111.0	136.8	700.3	2564.0	2564.0	700.3	136.8	111.0	63.7	22.6	8.8	4.0			
-20		8.5	22.9	49.3	113.1	138.5	151.1	234.7	234.7	151.1	138.5	113.1	49.3	22.9	8.5				
-30	3.8	7.6	21.3	39.3	82.9	139.2	156.4	158.2	158.2	156.4	139.2	82.9	39.3	21.3	7.6	3.8			
-40		6.4	17.5	34.4	51.3	77.6	114.9	143.3	143.3	114.9	77.6	51.3	34.4	17.5	6.4				
-50	3.2	5.0	12.7	25.0	39.9	52.1	60.6	66.2	66.2	60.6	52.1	39.9	25.0	12.7	5.0	3.2			
-60		3.9	8.3	15.3	24.1	32.4	39.5	44.3	44.3	39.5	32.4	24.1	15.3	8.3	3.9				
-70	2.2	14.9		35.7		56.1		66.9		56.1		35.7		14.9		2.2			
-80		14.9		35.7		56.1		66.9		56.1		35.7		14.9					
-90	2.2	14.9		35.7		56.1		66.9		56.1		35.7		14.9		2.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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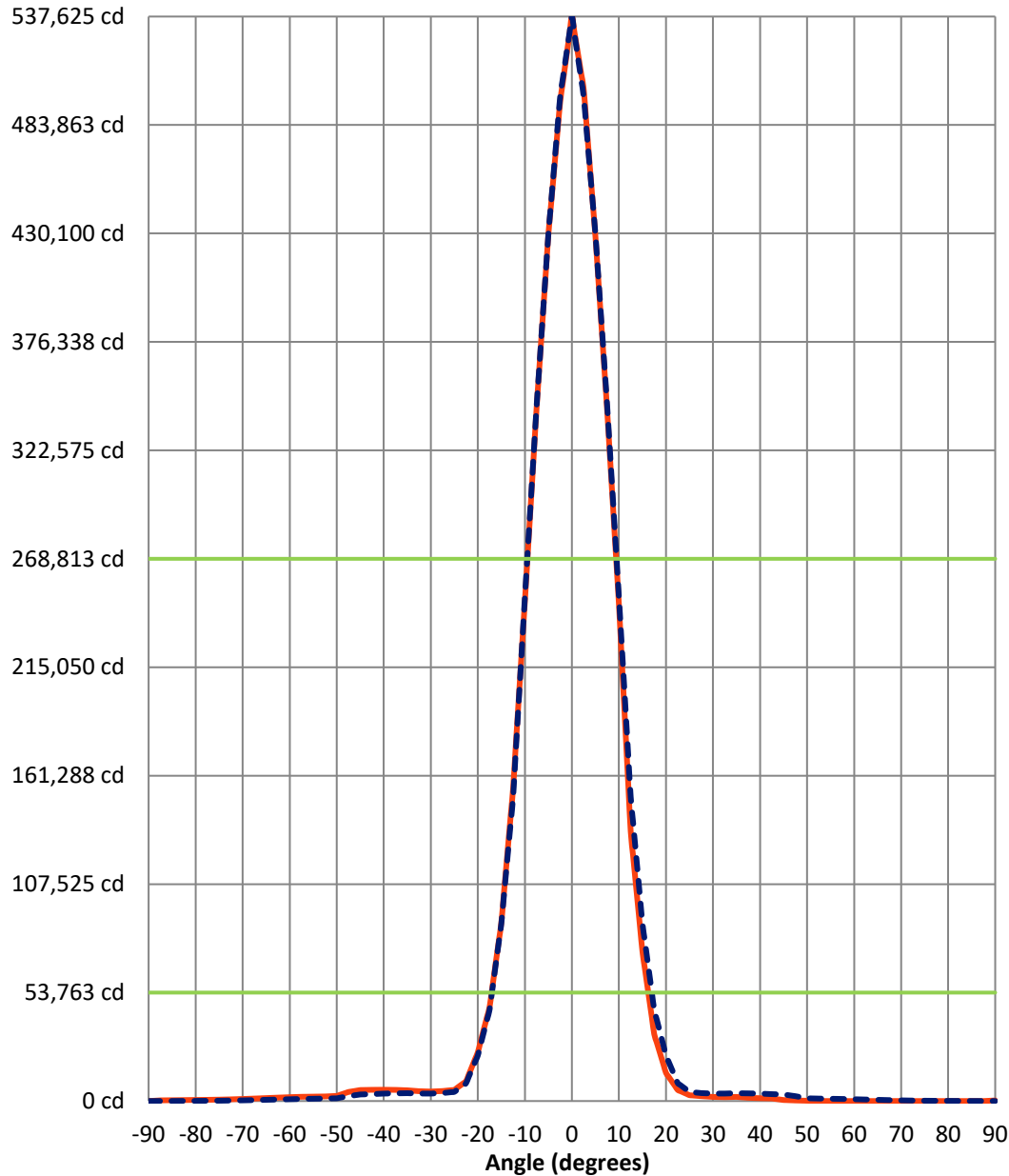
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 19°  
 V Angle: 18.9°  
 Lumens: 31412.9  
 Efficiency: 44.3%

**Field:**  
 H Angle: 34°  
 V Angle: 33.3°  
 Lumens: 57213.7  
 Efficiency: 80.7%

**Spill:**  
 Lumens: 13650.5  
 Efficiency: 19.3%

— 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°	7.7	20.5	33.4	50.1	66.7	83.4	100.1	112.0	123.9	135.7	147.6
87.5°	7.7	6.6	5.3	5.4	5.3	5.2	5.1	5.1	5.1	5.1	5.1
85°	7.7	6.9	5.6	5.6	5.6	5.4	5.1	5.1	5.1	5.1	5.1
82.5°	7.7	7.1	5.8	5.9	5.8	5.5	5.1	5.1	5.1	5.2	5.1
80°	7.7	7.3	6.1	6.1	6.0	5.7	5.2	5.5	5.6	5.5	5.2
77.5°	7.7	7.6	6.3	6.4	6.3	6.1	6.0	6.1	6.1	5.8	5.4
75°	7.7	7.8	6.6	6.7	6.6	7.0	6.8	6.7	6.7	6.6	6.1
72.5°	7.7	8.0	6.9	6.9	7.6	7.9	7.6	7.6	7.9	7.7	6.9
70°	7.7	8.3	7.2	7.3	8.5	8.9	8.6	8.9	9.2	8.8	8.4
67.5°	7.7	8.5	7.6	8.2	9.5	9.9	10.2	10.4	10.6	10.9	10.1
65°	7.7	8.8	7.9	9.0	10.5	11.3	12.0	11.8	13.0	13.2	12.4
62.5°	7.7	9.1	8.3	9.9	11.5	13.2	13.9	14.1	15.5	15.8	15.8
60°	7.7	9.3	8.7	10.8	12.5	15.2	15.9	16.7	18.2	19.5	19.4
57.5°	7.7	9.6	9.6	11.6	14.3	17.2	19.0	19.6	21.8	23.5	25.6
55°	7.7	9.9	10.5	12.5	16.1	19.3	22.4	23.1	25.8	28.5	33.6
52.5°	7.7	10.1	11.4	13.4	18.0	21.7	26.1	28.0	30.0	37.2	42.4
50°	7.7	10.4	12.4	14.3	19.9	25.0	29.9	33.3	35.7	46.4	56.3
47.5°	7.7	10.7	13.4	15.3	21.8	28.5	34.1	39.0	44.7	56.1	71.7
45°	7.7	10.9	14.4	16.8	23.8	32.1	39.5	45.2	55.8	71.2	88.2
42.5°	7.7	11.2	15.4	18.3	25.8	35.8	45.2	53.9	67.5	87.1	112.8
40°	7.7	11.5	16.5	20.2	28.3	39.6	51.0	64.4	81.1	103.8	140.4
37.5°	7.7	11.8	17.6	22.5	31.2	43.5	57.1	75.1	98.0	125.6	169.8
35°	7.7	12.1	18.7	24.8	34.2	48.0	63.4	86.1	115.3	152.8	203.0
32.5°	7.7	12.3	19.8	27.2	37.1	53.0	70.6	97.2	132.9	179.6	237.4
30°	7.7	12.6	20.9	29.6	40.0	58.0	79.6	109.2	150.8	205.7	270.5
27.5°	7.7	12.9	22.1	32.0	44.2	63.0	88.6	123.9	170.3	231.1	302.0
25°	7.7	13.2	23.2	34.4	48.4	68.0	97.4	138.4	191.8	257.3	332.2
22.5°	7.7	13.4	24.4	36.8	52.7	73.3	106.2	152.8	212.4	282.9	365.4
20°	7.7	13.7	25.5	39.2	56.8	79.4	114.7	166.9	232.1	307.0	396.7
17.5°	7.7	13.9	26.6	41.6	60.9	85.3	123.3	180.7	250.9	329.6	426.1
15°	7.7	14.2	27.7	43.9	64.9	91.0	131.6	193.3	268.7	350.7	453.5
12.5°	7.7	14.4	28.7	46.2	68.8	96.4	139.5	204.3	284.8	370.1	478.8
10°	7.7	14.6	29.8	48.5	72.6	101.5	146.8	214.4	299.5	391.3	504.8
7.5°	7.7	14.8	30.8	50.6	76.2	106.4	153.6	223.6	313.2	412.1	535.1
5°	7.7	15.0	31.7	52.7	79.7	111.0	159.9	231.8	325.7	431.6	563.6
2.5°	7.7	15.2	32.6	54.7	82.9	115.3	165.6	238.9	336.8	449.6	589.8
0°	7.7	15.4	33.4	56.5	86.0	119.3	170.7	245.1	346.5	465.8	613.4
-2.5°	7.7	16.1	35.2	59.5	89.8	124.3	176.8	253.5	357.8	478.3	626.6
-5°	7.7	16.9	37.0	62.3	93.5	128.9	182.2	260.8	367.4	488.6	636.7
-7.5°	7.7	17.6	38.6	65.0	96.8	133.1	187.0	266.9	375.2	496.7	643.9
-10°	7.7	18.3	40.2	67.5	100.0	137.1	191.2	271.7	381.0	502.7	648.1
-12.5°	7.7	18.9	41.6	69.8	102.9	140.6	194.6	275.3	384.8	506.7	652.5
-15°	7.7	19.6	43.0	72.0	105.5	143.7	197.4	277.5	386.9	510.3	655.0
-17.5°	7.7	20.2	44.3	74.0	107.9	146.5	199.5	279.1	387.7	511.3	653.9
-20°	7.7	20.8	45.4	75.8	110.0	148.8	201.4	279.9	386.3	509.7	649.3



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	7.7	21.3	46.4	77.3	111.9	150.8	203.0	279.1	382.9	505.5	640.9
-25°	7.7	21.8	47.3	78.7	113.5	152.6	203.9	276.8	377.3	498.6	628.8
-27.5°	7.7	22.3	48.1	79.9	114.9	154.2	203.9	272.9	369.6	489.6	618.6
-30°	7.7	22.7	48.7	80.8	116.0	155.2	202.9	267.4	362.4	478.9	605.5
-32.5°	7.7	23.1	49.2	81.5	116.9	155.8	201.1	264.3	354.8	465.8	589.2
-35°	7.7	23.5	49.6	82.0	117.5	155.9	200.5	261.5	345.2	450.2	569.8
-37.5°	7.7	23.8	49.8	82.2	117.8	155.7	200.1	257.5	333.6	432.1	549.9
-40°	7.7	24.1	49.9	82.3	117.7	155.7	199.1	252.3	319.9	415.5	527.1
-42.5°	7.7	24.3	49.8	82.0	117.4	155.2	197.4	246.1	310.1	397.4	500.5
-45°	7.7	24.5	49.6	81.6	116.8	154.3	195.1	240.7	301.6	376.9	471.4
-47.5°	7.7	24.6	49.2	80.9	115.8	153.0	192.2	237.2	291.8	354.4	445.6
-50°	7.7	24.7	48.7	80.1	114.5	151.2	189.8	232.9	279.8	340.5	417.1
-52.5°	7.7	24.7	48.1	79.0	112.9	148.9	186.9	228.0	271.2	324.9	387.5
-55°	7.7	24.7	47.3	77.8	111.0	146.3	183.6	222.4	263.8	307.7	367.5
-57.5°	7.7	24.7	46.4	76.3	108.7	143.3	179.7	217.6	255.6	296.2	345.7
-60°	7.7	24.6	45.4	74.6	106.2	139.9	175.3	211.9	247.0	285.8	326.0
-62.5°	7.7	24.5	44.9	72.8	103.5	136.1	170.4	205.4	239.2	274.7	313.2
-65°	7.7	24.3	44.3	70.7	100.4	131.9	165.1	198.3	230.8	264.3	299.6
-67.5°	7.7	24.1	43.6	68.4	97.1	127.4	159.2	190.6	221.7	253.7	286.6
-70°	7.7	23.8	42.8	65.9	93.6	122.6	152.9	182.4	211.7	242.4	273.5
-72.5°	7.7	23.5	41.9	64.2	89.7	117.4	146.3	173.6	201.2	229.8	259.5
-75°	7.7	23.2	41.0	62.6	85.7	111.9	139.2	164.4	190.0	216.6	244.0
-77.5°	7.7	22.9	39.9	60.8	82.7	106.1	131.7	154.8	178.3	202.7	227.8
-80°	7.7	22.5	38.7	58.9	79.8	101.4	123.9	144.8	166.0	188.0	210.7
-82.5°	7.7	22.0	37.5	56.9	76.8	97.2	118.1	135.4	153.4	172.9	193.0
-85°	7.7	21.6	36.2	54.7	73.6	92.8	112.3	127.8	143.6	159.8	176.3
-87.5°	7.7	21.1	34.8	52.4	70.2	88.2	106.3	120.0	133.8	147.9	162.1
-90°	7.7	6.4	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1



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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°	158.8	170.1	181.3	192.5	200.9	209.2	217.6	225.9	233.0	240.0	247.1
87.5°	4.8	4.5	4.1	3.8	3.8	3.8	3.8	3.8	3.5	3.2	2.9
85°	4.8	4.5	4.1	3.8	3.8	3.8	3.8	3.8	3.5	3.2	2.9
82.5°	4.8	4.5	4.2	3.8	3.8	3.8	3.8	3.8	3.6	3.4	3.3
80°	4.8	4.5	4.4	4.2	4.2	4.2	4.1	3.8	3.8	3.8	3.9
77.5°	5.2	5.2	5.1	5.0	4.9	4.6	4.5	4.5	4.5	4.4	4.2
75°	5.8	5.8	5.7	5.3	5.0	5.0	5.1	5.1	4.9	4.6	4.3
72.5°	6.6	6.6	6.3	5.6	5.4	5.5	5.4	5.3	5.6	6.3	7.0
70°	7.7	7.5	7.4	6.8	6.1	6.4	7.4	8.4	9.4	10.9	13.2
67.5°	9.1	9.4	9.1	8.5	8.3	9.6	10.8	14.9	19.4	21.8	22.8
65°	11.4	11.6	12.2	12.3	11.5	15.1	19.8	25.1	30.1	31.2	30.4
62.5°	14.1	15.6	16.6	17.6	19.0	22.6	27.9	33.3	38.8	37.2	32.1
60°	19.6	20.4	23.4	26.3	27.4	29.3	35.2	38.2	39.9	38.9	30.3
57.5°	26.3	27.7	32.7	36.2	37.2	35.0	37.2	39.1	38.9	34.3	26.3
55°	35.7	37.5	43.6	48.1	47.9	39.4	39.0	40.8	37.9	33.3	25.9
52.5°	49.1	50.2	57.0	61.8	60.1	51.4	45.2	48.1	47.6	41.6	35.4
50°	63.9	69.6	72.1	79.0	78.5	71.4	59.7	65.6	75.9	74.0	65.1
47.5°	84.9	92.3	92.6	100.9	104.6	110.8	100.8	113.4	128.7	160.0	150.0
45°	110.1	122.4	123.3	131.0	150.4	173.7	183.1	182.4	259.8	287.8	308.2
42.5°	138.0	157.7	166.0	165.4	227.7	263.2	283.3	347.3	406.1	424.0	433.5
40°	173.3	197.0	215.0	255.2	319.7	368.7	419.3	487.6	519.7	522.9	523.1
37.5°	212.0	246.5	275.5	344.0	426.3	480.6	543.5	572.9	595.2	596.5	621.7
35°	253.5	299.8	353.6	429.9	520.6	582.3	618.6	645.2	657.4	685.3	808.0
32.5°	301.1	356.9	427.1	512.1	598.6	661.5	683.2	706.1	735.7	818.6	1178.9
30°	349.0	421.3	496.9	588.4	676.2	720.4	743.3	772.1	818.6	1141.9	1641.1
27.5°	389.7	481.6	564.1	659.5	749.1	779.7	806.2	849.3	1046.7	1500.4	2194.0
25°	428.6	529.4	626.2	729.6	803.8	837.6	871.0	929.5	1314.8	2033.7	2507.0
22.5°	467.6	577.8	682.5	799.0	858.2	893.4	944.6	1163.2	1702.2	2566.4	2789.0
20°	507.6	626.2	738.5	855.0	910.6	947.2	1017.6	1428.0	2175.6	2793.8	2999.9
17.5°	546.8	672.8	791.1	894.5	952.2	1004.0	1115.4	1694.2	2601.8	3018.1	3161.6
15°	584.9	717.3	838.9	932.7	993.6	1065.1	1345.2	2048.4	2878.3	3219.5	3355.7
12.5°	621.4	759.6	882.1	969.4	1035.1	1125.8	1585.7	2398.5	3063.4	3378.0	3508.5
10°	655.9	799.3	920.9	1004.4	1076.0	1185.1	1828.2	2694.0	3216.2	3485.2	3584.7
7.5°	688.5	833.5	955.5	1037.5	1115.9	1242.2	2063.4	2937.9	3336.7	3576.1	3637.4
5°	717.0	861.5	987.5	1073.2	1156.0	1292.8	2264.7	3133.0	3430.2	3651.8	3691.7
2.5°	741.5	885.6	1016.5	1107.6	1194.7	1333.1	2362.1	3212.1	3442.0	3685.2	3748.2
0°	762.3	906.0	1042.0	1139.6	1230.7	1368.0	2417.7	3253.1	3427.6	3694.6	3807.5
-2.5°	779.3	933.7	1078.4	1173.2	1265.1	1401.1	2413.6	3284.8	3463.7	3779.5	4035.2
-5°	792.6	957.0	1110.5	1204.4	1296.6	1429.4	2370.3	3275.7	3512.9	3854.7	4175.4
-7.5°	802.2	975.3	1137.6	1233.7	1327.5	1461.7	2339.3	3315.0	3656.1	3944.0	4232.3
-10°	808.6	987.3	1154.1	1261.1	1358.8	1493.6	2272.7	3298.5	3790.0	4033.4	4286.8
-12.5°	816.0	994.1	1164.7	1285.0	1386.0	1518.8	2155.1	3219.8	3913.9	4129.9	4340.3
-15°	819.1	996.4	1170.3	1305.1	1409.0	1536.7	1984.3	3073.9	3996.7	4182.3	4374.4
-17.5°	817.7	994.2	1170.8	1321.2	1427.4	1547.1	1758.8	2803.7	3866.6	4202.9	4406.1
-20°	811.7	987.6	1166.1	1333.0	1441.2	1560.0	1722.5	2493.2	3511.3	4187.5	4428.9



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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°	801.1	976.7	1155.3	1326.4	1456.6	1576.4	1724.2	2171.1	3092.0	4135.4	4430.6
-25°	787.3	961.2	1138.5	1319.3	1470.2	1587.5	1718.9	1889.8	2676.9	3684.3	4386.4
-27.5°	770.7	940.3	1122.1	1305.7	1481.1	1594.7	1720.2	1876.4	2310.7	3163.1	4217.7
-30°	749.8	917.0	1099.1	1284.5	1465.9	1602.4	1720.6	1845.5	2005.9	2693.0	3602.0
-32.5°	726.2	888.5	1068.7	1253.2	1437.5	1607.6	1710.7	1823.8	1961.6	2208.5	2985.0
-35°	702.4	859.3	1031.6	1214.5	1401.6	1576.8	1702.1	1803.4	1916.4	2066.6	2421.1
-37.5°	679.2	825.2	988.2	1168.1	1351.8	1521.8	1686.4	1786.5	1890.1	1995.7	2143.2
-40°	651.9	786.2	944.0	1114.2	1286.8	1456.4	1619.8	1769.3	1864.5	1956.0	2051.5
-42.5°	620.8	751.5	896.1	1051.8	1214.8	1379.4	1545.4	1702.5	1836.1	1918.0	2005.2
-45°	587.1	712.3	844.8	988.2	1136.3	1295.4	1455.3	1615.6	1758.4	1886.0	1963.9
-47.5°	549.2	669.0	795.8	919.7	1057.7	1204.2	1358.3	1509.0	1656.1	1791.8	1924.4
-50°	509.9	622.0	738.9	854.7	977.9	1111.8	1253.4	1396.1	1537.2	1675.3	1805.7
-52.5°	474.8	570.5	678.5	788.4	900.5	1019.7	1145.6	1274.8	1410.1	1544.3	1665.5
-55°	436.8	524.1	614.1	717.9	824.2	931.5	1036.7	1153.2	1273.9	1400.4	1513.6
-57.5°	406.1	476.1	555.1	643.0	742.8	843.6	936.3	1030.0	1137.4	1249.6	1347.9
-60°	379.0	434.1	498.4	574.7	656.7	747.7	835.0	921.5	1008.3	1094.0	1186.9
-62.5°	352.6	400.6	451.0	508.8	581.3	651.3	728.1	808.1	888.0	964.8	1039.2
-65°	336.7	370.1	413.0	460.3	507.5	568.6	630.7	692.2	762.8	832.2	900.1
-67.5°	319.5	351.1	383.0	417.8	461.2	501.3	541.1	596.7	651.7	703.8	757.2
-70°	303.4	331.5	361.1	391.3	420.5	450.1	486.5	522.6	558.0	596.3	642.2
-72.5°	287.0	312.9	339.5	366.6	392.9	417.5	442.1	466.8	495.7	526.8	557.2
-75°	269.2	293.5	317.9	342.6	365.4	387.2	409.3	431.6	453.5	475.3	497.1
-77.5°	250.3	272.3	294.7	317.5	337.7	356.8	376.2	395.9	415.1	434.1	452.9
-80°	230.7	250.5	270.4	290.6	308.1	325.0	342.1	359.2	376.1	392.8	409.4
-82.5°	210.3	227.5	245.1	262.8	277.7	292.3	306.8	321.3	335.6	349.8	364.0
-85°	190.3	204.2	219.1	234.1	246.7	259.1	271.4	283.7	295.6	307.4	319.2
-87.5°	174.7	187.2	199.8	212.2	222.0	231.8	241.5	251.2	260.3	269.4	278.5
-90°	4.8	4.5	4.1	3.8	3.8	3.8	3.8	3.8	3.5	3.2	2.9



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	254.1	258.9	263.7	268.5	273.3	277.5	281.7	285.8	290.0	292.6	295.2
87.5°	2.6	2.5	2.5	2.5	2.5	2.2	1.9	1.6	1.3	1.3	1.3
85°	2.6	2.6	2.6	2.6	2.6	2.3	2.0	1.6	1.3	1.3	1.3
82.5°	3.2	3.1	3.0	2.8	2.6	2.5	2.5	2.5	2.5	2.5	2.5
80°	3.8	3.5	3.2	2.9	2.6	2.6	2.6	2.6	2.6	2.6	2.6
77.5°	3.9	3.6	3.3	3.0	2.7	2.6	2.6	2.6	2.6	2.6	2.6
75°	3.9	3.8	4.0	4.0	3.8	3.8	3.8	3.7	3.6	3.4	3.2
72.5°	7.6	7.9	7.8	8.0	8.1	8.3	8.6	8.8	8.9	8.9	9.0
70°	14.4	14.9	15.3	15.1	14.2	13.4	13.1	12.7	12.3	12.6	13.4
67.5°	22.0	20.4	19.7	18.6	16.5	14.8	13.8	12.7	11.5	10.9	10.8
65°	27.2	21.5	18.7	16.6	14.9	13.0	11.2	9.7	8.3	7.4	7.0
62.5°	25.9	18.5	14.6	12.3	10.3	8.5	7.0	5.9	5.0	4.6	4.7
60°	22.1	14.4	10.1	8.2	6.1	4.0	3.7	3.6	3.3	3.1	3.3
57.5°	19.7	13.0	7.9	7.7	6.7	4.8	4.2	4.2	3.6	2.6	3.0
55°	22.0	18.6	12.9	13.2	12.9	10.9	9.3	11.1	10.7	8.4	9.2
52.5°	33.0	37.9	30.9	28.7	39.2	38.9	30.4	41.5	47.6	46.6	47.5
50°	77.8	87.8	98.5	90.2	110.7	122.9	120.2	134.7	149.6	149.2	153.9
47.5°	184.2	212.0	215.0	220.6	244.0	273.8	298.1	315.1	323.8	320.2	322.8
45°	329.7	335.9	350.3	382.2	422.1	470.1	506.7	527.9	599.5	650.3	680.1
42.5°	436.9	456.4	491.8	575.9	637.6	779.3	950.7	1017.2	1101.4	1144.1	1146.8
40°	544.5	594.2	740.0	893.3	1226.1	1473.6	1488.3	1593.3	1641.6	1588.3	1580.4
37.5°	722.3	906.9	1157.4	1511.6	1666.4	1733.6	1770.6	1783.9	1793.7	1784.8	1780.2
35°	1072.5	1393.6	1639.5	1755.0	1825.0	1827.1	1835.7	1834.6	1823.1	1817.1	1804.4
32.5°	1589.1	1895.4	1902.9	1893.9	1908.5	1900.2	1884.2	1876.7	1851.8	1836.8	1841.9
30°	2121.8	2123.5	2093.2	2023.0	1988.0	1977.2	1954.0	1934.8	1911.3	1914.8	1996.8
27.5°	2333.1	2307.2	2264.9	2204.4	2086.7	2063.7	2045.0	2037.0	2135.5	2225.5	2305.7
25°	2569.6	2502.4	2479.2	2426.4	2305.5	2171.6	2230.4	2323.1	2451.8	2585.9	2715.2
22.5°	2774.1	2725.6	2710.7	2691.1	2493.6	2435.9	2516.7	2669.1	2845.0	3077.9	3743.1
20°	2975.6	2923.3	2906.1	2807.6	2704.0	2718.3	2868.5	3134.2	3626.2	5393.8	7552.5
17.5°	3145.0	3090.9	3032.3	2917.3	2884.4	3028.5	3328.8	4262.2	6584.2	12386.4	18283.6
15°	3302.9	3231.8	3132.2	3056.8	3119.2	3387.4	4131.3	7311.4	14832.8	24571.8	36851.0
12.5°	3443.3	3334.3	3195.0	3155.8	3345.6	3797.4	6715.1	14346.8	25852.1	39726.4	68553.4
10°	3540.8	3399.6	3278.1	3345.7	3647.4	4860.2	9663.3	21509.3	38530.0	69562.0	105450.7
7.5°	3582.8	3455.0	3384.3	3529.3	3932.1	6241.7	14547.1	29747.4	54419.3	96146.6	153407.9
5°	3630.3	3542.2	3502.7	3711.1	4206.4	7367.2	18059.3	36680.1	71410.9	121115.1	194853.2
2.5°	3726.4	3642.5	3615.0	3870.7	4446.4	8416.6	20803.9	42069.9	82668.2	141949.9	231632.3
0°	3896.0	3721.5	3699.7	3949.9	4542.8	8894.4	22604.9	45320.2	88022.5	150864.6	249728.3
-2.5°	4030.7	3822.7	3781.2	4004.5	4585.2	8660.3	22422.3	45208.2	85838.1	147885.1	238236.5
-5°	4148.2	3939.6	3882.3	4089.6	4678.5	8651.6	21234.4	41481.1	76809.4	129949.2	200776.1
-7.5°	4252.7	4072.4	3987.5	4152.5	4690.8	7747.7	17175.1	34152.0	61395.7	101457.1	155398.5
-10°	4363.0	4224.5	4108.8	4219.2	4638.7	6164.5	11490.0	24618.1	43723.5	73575.5	110589.3
-12.5°	4489.0	4419.2	4249.2	4265.3	4568.2	5202.0	8492.3	17187.1	30355.6	46347.8	73177.7
-15°	4595.9	4592.7	4450.5	4405.2	4555.7	4962.2	5924.9	9544.5	18413.5	29793.3	43065.6
-17.5°	4618.2	4731.9	4677.5	4539.1	4548.0	4775.9	5172.7	6325.0	9249.3	16393.0	24289.9
-20°	4632.6	4875.5	4881.2	4769.0	4670.5	4645.1	4826.5	5162.6	5816.1	8230.1	11407.6



REPORT NUMBER: P1306160 (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°	4654.5	4885.4	5049.7	5018.7	4825.5	4712.5	4671.9	4799.2	5020.3	5331.8	6362.8
-25°	4665.0	4880.5	5115.6	5180.1	5099.1	4892.3	4737.6	4651.3	4729.5	4828.4	5030.0
-27.5°	4620.5	4872.8	5100.7	5291.8	5315.1	5179.8	4952.5	4768.1	4696.4	4628.5	4711.5
-30°	4546.5	4828.3	5066.7	5301.9	5395.9	5352.6	5233.6	5083.9	4909.2	4773.2	4725.5
-32.5°	3941.2	4761.9	5006.1	5209.8	5365.0	5409.3	5410.5	5330.4	5255.7	5150.9	5028.1
-35°	3247.1	4157.4	4951.9	5054.5	5196.7	5343.6	5452.7	5456.4	5447.7	5398.0	5346.3
-37.5°	2524.2	3372.5	4136.6	4748.2	4963.4	5136.2	5323.0	5449.2	5528.5	5514.2	5504.6
-40°	2197.6	2465.0	3179.8	3803.3	4326.4	4818.6	5020.9	5247.7	5430.1	5493.6	5536.4
-42.5°	2096.7	2211.1	2327.5	2799.9	3338.9	3812.9	4258.6	4683.7	5063.3	5278.3	5428.0
-45°	2041.4	2105.0	2176.3	2281.5	2372.4	2765.0	3164.4	3552.4	4025.9	4461.8	4839.8
-47.5°	1990.2	2040.0	2095.1	2149.3	2199.7	2271.1	2332.8	2443.0	2797.7	3155.3	3514.2
-50°	1907.8	1990.0	2035.8	2076.2	2111.9	2145.0	2173.6	2223.3	2282.2	2333.6	2385.4
-52.5°	1770.0	1862.6	1950.5	2017.1	2045.2	2072.6	2100.8	2138.5	2173.3	2205.2	2229.7
-55°	1615.5	1709.3	1797.9	1865.4	1926.0	1981.8	2031.5	2064.9	2097.4	2128.8	2152.7
-57.5°	1445.7	1541.2	1627.9	1692.6	1753.2	1809.5	1864.2	1916.7	1964.9	2008.3	2045.2
-60°	1273.7	1354.4	1432.6	1501.1	1563.6	1619.9	1674.0	1725.7	1773.0	1815.6	1852.6
-62.5°	1112.2	1186.8	1248.8	1304.8	1358.6	1410.6	1465.3	1515.7	1561.4	1603.3	1641.6
-65°	966.5	1030.9	1077.8	1121.6	1163.0	1207.7	1255.8	1300.2	1340.7	1378.2	1412.9
-67.5°	816.7	872.5	913.7	951.6	986.9	1022.5	1061.0	1096.9	1129.9	1161.5	1191.1
-70°	686.7	725.5	754.3	783.4	814.7	846.8	879.9	910.1	937.3	963.2	987.0
-72.5°	586.6	610.5	630.7	655.5	677.9	701.8	726.5	749.2	770.1	790.4	809.4
-75°	519.0	536.5	553.0	568.3	582.7	599.8	617.5	634.3	650.1	664.9	678.9
-77.5°	471.9	485.5	496.8	507.5	517.7	531.0	544.8	558.4	571.5	582.7	593.0
-80°	425.8	436.8	446.4	455.7	464.7	476.2	487.8	499.1	510.2	520.3	530.0
-82.5°	378.2	387.1	395.3	403.2	410.9	420.6	430.2	439.6	448.7	457.0	465.0
-85°	330.8	337.6	344.0	350.2	356.3	364.2	372.0	379.6	387.1	392.6	397.8
-87.5°	287.7	292.7	297.6	302.4	307.1	312.8	318.4	324.1	329.7	333.3	336.8
-90°	2.6	2.3	2.0	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	297.7	300.3	299.7	299.0	299.7	300.3	297.7	295.2	292.6	290.0	285.8
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
85°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
82.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.5	2.5
80°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
77.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6
75°	2.9	2.6	2.6	2.6	2.6	2.6	2.9	3.2	3.4	3.6	3.7
72.5°	9.0	8.9	9.0	9.0	9.0	8.9	9.0	9.0	8.9	8.9	8.8
70°	14.3	15.1	15.3	15.4	15.3	15.1	14.3	13.4	12.6	12.3	12.7
67.5°	10.6	10.5	9.8	9.0	9.8	10.5	10.6	10.8	10.9	11.5	12.7
65°	6.8	6.6	6.4	6.4	6.4	6.6	6.8	7.0	7.4	8.3	9.7
62.5°	4.8	5.1	5.1	5.1	5.1	5.1	4.8	4.7	4.6	5.0	5.9
60°	3.5	3.8	3.8	3.8	3.8	3.8	3.5	3.3	3.1	3.3	3.6
57.5°	3.3	3.7	3.8	3.8	3.8	3.7	3.3	3.0	2.6	3.6	4.2
55°	9.8	10.0	9.7	9.0	9.7	10.0	9.8	9.2	8.4	10.7	11.1
52.5°	46.7	43.1	37.6	30.8	37.6	43.1	46.7	47.5	46.6	47.6	41.5
50°	162.8	167.1	163.3	151.4	163.3	167.1	162.8	153.9	149.2	149.6	134.7
47.5°	335.4	339.1	327.4	300.3	327.4	339.1	335.4	322.8	320.2	323.8	315.1
45°	702.2	696.8	636.3	510.7	636.3	696.8	702.2	680.1	650.3	599.5	527.9
42.5°	1211.0	1265.0	1296.8	1297.4	1296.8	1265.0	1211.0	1146.8	1144.1	1101.4	1017.2
40°	1567.5	1504.2	1435.1	1424.4	1435.1	1504.2	1567.5	1580.4	1588.3	1641.6	1593.3
37.5°	1769.4	1782.7	1775.1	1625.9	1775.1	1782.7	1769.4	1780.2	1784.8	1793.7	1783.9
35°	1833.7	1934.0	2037.2	2058.4	2037.2	1934.0	1833.7	1804.4	1817.1	1823.1	1834.6
32.5°	1864.8	1899.2	1908.5	1912.1	1908.5	1899.2	1864.8	1841.9	1836.8	1851.8	1876.7
30°	2034.6	2057.0	2053.8	2049.4	2053.8	2057.0	2034.6	1996.8	1914.8	1911.3	1934.8
27.5°	2343.6	2380.7	2397.4	2408.7	2397.4	2380.7	2343.6	2305.7	2225.5	2135.5	2037.0
25°	2786.0	2842.8	2881.8	2898.9	2881.8	2842.8	2786.0	2715.2	2585.9	2451.8	2323.1
22.5°	4511.5	4905.2	5294.8	5496.3	5294.8	4905.2	4511.5	3743.1	3077.9	2845.0	2669.1
20°	11262.6	12963.5	13740.4	13967.2	13740.4	12963.5	11262.6	7552.5	5393.8	3626.2	3134.2
17.5°	26228.1	32676.0	36988.8	33209.9	36988.8	32676.0	26228.1	18283.6	12386.4	6584.2	4262.2
15°	53682.9	70013.2	79151.2	74009.2	79151.2	70013.2	53682.9	36851.0	24571.8	14832.8	7311.4
12.5°	96721.1	122207.1	139324.4	133679.7	139324.4	122207.1	96721.1	68553.4	39726.4	25852.1	14346.8
10°	152236.9	203485.3	237609.5	246045.3	237609.5	203485.3	152236.9	105450.7	69562.0	38530.0	21509.3
7.5°	220924.8	284377.3	334463.4	342215.4	334463.4	284377.3	220924.8	153407.9	96146.6	54419.3	29747.4
5°	288121.9	363019.4	415132.9	428662.1	415132.9	363019.4	288121.9	194853.2	121115.1	71410.9	36680.1
2.5°	329829.3	411349.1	474122.7	501772.9	474122.7	411349.1	329829.3	231632.3	141949.9	82668.2	42069.9
0°	344715.9	429852.9	497962.3	537625.1	497962.3	429852.9	344715.9	249728.3	150864.6	88022.5	45320.2
-2.5°	333174.0	410273.7	467770.1	495342.4	467770.1	410273.7	333174.0	238236.5	147885.1	85838.1	45208.2
-5°	283770.2	360374.2	407154.3	429614.3	407154.3	360374.2	283770.2	200776.1	129949.2	76809.4	41481.1
-7.5°	221741.2	283053.4	323448.9	343882.3	323448.9	283053.4	221741.2	155398.5	101457.1	61395.7	34152.0
-10°	155152.2	203795.4	231025.3	247698.2	231025.3	203795.4	155152.2	110589.3	73575.5	43723.5	24618.1
-12.5°	100949.7	129262.9	144513.5	155195.7	144513.5	129262.9	100949.7	73177.7	46347.8	30355.6	17187.1
-15°	61282.5	75081.1	83361.0	88551.3	83361.0	75081.1	61282.5	43065.6	29793.3	18413.5	9544.5
-17.5°	34204.2	40131.0	44327.5	46649.7	44327.5	40131.0	34204.2	24289.9	16393.0	9249.3	6325.0
-20°	16972.2	20721.5	23184.2	24218.0	23184.2	20721.5	16972.2	11407.6	8230.1	5816.1	5162.6



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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°	7832.8	8834.3	9497.4	9813.2	9497.4	8834.3	7832.8	6362.8	5331.8	5020.3	4799.2
-25°	5226.1	5383.2	5498.6	5548.9	5498.6	5383.2	5226.1	5030.0	4828.4	4729.5	4651.3
-27.5°	4786.7	4870.0	4939.1	4966.3	4939.1	4870.0	4786.7	4711.5	4628.5	4696.4	4768.1
-30°	4688.9	4692.5	4712.1	4712.2	4712.1	4692.5	4688.9	4725.5	4773.2	4909.2	5083.9
-32.5°	4935.3	4881.2	4857.6	4882.9	4857.6	4881.2	4935.3	5028.1	5150.9	5255.7	5330.4
-35°	5311.8	5297.2	5298.4	5325.6	5298.4	5297.2	5311.8	5346.3	5398.0	5447.7	5456.4
-37.5°	5507.1	5518.6	5531.6	5534.8	5531.6	5518.6	5507.1	5504.6	5514.2	5528.5	5449.2
-40°	5561.3	5583.7	5600.7	5606.6	5600.7	5583.7	5561.3	5536.4	5493.6	5430.1	5247.7
-42.5°	5494.1	5538.8	5562.5	5568.1	5562.5	5538.8	5494.1	5428.0	5278.3	5063.3	4683.7
-45°	5114.3	5313.4	5426.1	5456.5	5426.1	5313.4	5114.3	4839.8	4461.8	4025.9	3552.4
-47.5°	3863.2	4175.8	4393.5	4494.0	4393.5	4175.8	3863.2	3514.2	3155.3	2797.7	2443.0
-50°	2439.8	2491.3	2529.8	2553.7	2529.8	2491.3	2439.8	2385.4	2333.6	2282.2	2223.3
-52.5°	2250.9	2269.9	2280.9	2285.5	2280.9	2269.9	2250.9	2229.7	2205.2	2173.3	2138.5
-55°	2173.1	2190.6	2198.3	2199.5	2198.3	2190.6	2173.1	2152.7	2128.8	2097.4	2064.9
-57.5°	2077.0	2103.7	2115.5	2117.4	2115.5	2103.7	2077.0	2045.2	2008.3	1964.9	1916.7
-60°	1884.0	1909.8	1922.6	1927.5	1922.6	1909.8	1884.0	1852.6	1815.6	1773.0	1725.7
-62.5°	1674.9	1703.0	1711.5	1710.6	1711.5	1703.0	1674.9	1641.6	1603.3	1561.4	1515.7
-65°	1443.1	1468.9	1476.3	1475.8	1476.3	1468.9	1443.1	1412.9	1378.2	1340.7	1300.2
-67.5°	1217.4	1240.1	1247.9	1249.9	1247.9	1240.1	1217.4	1191.1	1161.5	1129.9	1096.9
-70°	1007.9	1025.8	1030.4	1030.5	1030.4	1025.8	1007.9	987.0	963.2	937.3	910.1
-72.5°	826.7	842.2	844.8	844.4	844.8	842.2	826.7	809.4	790.4	770.1	749.2
-75°	692.0	704.3	704.7	703.2	704.7	704.3	692.0	678.9	664.9	650.1	634.3
-77.5°	602.7	611.8	613.7	614.7	613.7	611.8	602.7	593.0	582.7	571.5	558.4
-80°	539.2	547.9	547.7	546.7	547.7	547.9	539.2	530.0	520.3	510.2	499.1
-82.5°	472.8	480.3	480.3	479.9	480.3	480.3	472.8	465.0	457.0	448.7	439.6
-85°	402.8	407.6	407.3	406.8	407.3	407.6	402.8	397.8	392.6	387.1	379.6
-87.5°	340.3	343.7	343.9	343.9	343.9	343.7	340.3	336.8	333.3	329.7	324.1
-90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	281.7	277.5	273.3	268.5	263.7	258.9	254.1	247.1	240.0	233.0	225.9
87.5°	1.9	2.2	2.5	2.5	2.5	2.5	2.6	2.9	3.2	3.5	3.8
85°	2.0	2.3	2.6	2.6	2.6	2.6	2.6	2.9	3.2	3.5	3.8
82.5°	2.5	2.5	2.6	2.8	3.0	3.1	3.2	3.3	3.4	3.6	3.8
80°	2.6	2.6	2.6	2.9	3.2	3.5	3.8	3.9	3.8	3.8	3.8
77.5°	2.6	2.6	2.7	3.0	3.3	3.6	3.9	4.2	4.4	4.5	4.5
75°	3.8	3.8	3.8	4.0	4.0	3.8	3.9	4.3	4.6	4.9	5.1
72.5°	8.6	8.3	8.1	8.0	7.8	7.9	7.6	7.0	6.3	5.6	5.3
70°	13.1	13.4	14.2	15.1	15.3	14.9	14.4	13.2	10.9	9.4	8.4
67.5°	13.8	14.8	16.5	18.6	19.7	20.4	22.0	22.8	21.8	19.4	14.9
65°	11.2	13.0	14.9	16.6	18.7	21.5	27.2	30.4	31.2	30.1	25.1
62.5°	7.0	8.5	10.3	12.3	14.6	18.5	25.9	32.1	37.2	38.8	33.3
60°	3.7	4.0	6.1	8.2	10.1	14.4	22.1	30.3	38.9	39.9	38.2
57.5°	4.2	4.8	6.7	7.7	7.9	13.0	19.7	26.3	34.3	38.9	39.1
55°	9.3	10.9	12.9	13.2	12.9	18.6	22.0	25.9	33.3	37.9	40.8
52.5°	30.4	38.9	39.2	28.7	30.9	37.9	33.0	35.4	41.6	47.6	48.1
50°	120.2	122.9	110.7	90.2	98.5	87.8	77.8	65.1	74.0	75.9	65.6
47.5°	298.1	273.8	244.0	220.6	215.0	212.0	184.2	150.0	160.0	128.7	113.4
45°	506.7	470.1	422.1	382.2	350.3	335.9	329.7	308.2	287.8	259.8	182.4
42.5°	950.7	779.3	637.6	575.9	491.8	456.4	436.9	433.5	424.0	406.1	347.3
40°	1488.3	1473.6	1226.1	893.3	740.0	594.2	544.5	523.1	522.9	519.7	487.6
37.5°	1770.6	1733.6	1666.4	1511.6	1157.4	906.9	722.3	621.7	596.5	595.2	572.9
35°	1835.7	1827.1	1825.0	1755.0	1639.5	1393.6	1072.5	808.0	685.3	657.4	645.2
32.5°	1884.2	1900.2	1908.5	1893.9	1902.9	1895.4	1589.1	1178.9	818.6	735.7	706.1
30°	1954.0	1977.2	1988.0	2023.0	2093.2	2123.5	2121.8	1641.1	1141.9	818.6	772.1
27.5°	2045.0	2063.7	2086.7	2204.4	2264.9	2307.2	2333.1	2194.0	1500.4	1046.7	849.3
25°	2230.4	2171.6	2305.5	2426.4	2479.2	2502.4	2569.6	2507.0	2033.7	1314.8	929.5
22.5°	2516.7	2435.9	2493.6	2691.1	2710.7	2725.6	2774.1	2789.0	2566.4	1702.2	1163.2
20°	2868.5	2718.3	2704.0	2807.6	2906.1	2923.3	2975.6	2999.9	2793.8	2175.6	1428.0
17.5°	3328.8	3028.5	2884.4	2917.3	3032.3	3090.9	3145.0	3161.6	3018.1	2601.8	1694.2
15°	4131.3	3387.4	3119.2	3056.8	3132.2	3231.8	3302.9	3355.7	3219.5	2878.3	2048.4
12.5°	6715.1	3797.4	3345.6	3155.8	3195.0	3334.3	3443.3	3508.5	3378.0	3063.4	2398.5
10°	9663.3	4860.2	3647.4	3345.7	3278.1	3399.6	3540.8	3584.7	3485.2	3216.2	2694.0
7.5°	14547.1	6241.7	3932.1	3529.3	3384.3	3455.0	3582.8	3637.4	3576.1	3336.7	2937.9
5°	18059.3	7367.2	4206.4	3711.1	3502.7	3542.2	3630.3	3691.7	3651.8	3430.2	3133.0
2.5°	20803.9	8416.6	4446.4	3870.7	3615.0	3642.5	3726.4	3748.2	3685.2	3442.0	3212.1
0°	22604.9	8894.4	4542.8	3949.9	3699.7	3721.5	3896.0	3807.5	3694.6	3427.6	3253.1
-2.5°	22422.3	8660.3	4585.2	4004.5	3781.2	3822.7	4030.7	4035.2	3779.5	3463.7	3284.8
-5°	21234.4	8651.6	4678.5	4089.6	3882.3	3939.6	4148.2	4175.4	3854.7	3512.9	3275.7
-7.5°	17175.1	7747.7	4690.8	4152.5	3987.5	4072.4	4252.7	4232.3	3944.0	3656.1	3315.0
-10°	11490.0	6164.5	4638.7	4219.2	4108.8	4224.5	4363.0	4286.8	4033.4	3790.0	3298.5
-12.5°	8492.3	5202.0	4568.2	4265.3	4249.2	4419.2	4489.0	4340.3	4129.9	3913.9	3219.8
-15°	5924.9	4962.2	4555.7	4405.2	4450.5	4592.7	4595.9	4374.4	4182.3	3996.7	3073.9
-17.5°	5172.7	4775.9	4548.0	4539.1	4677.5	4731.9	4618.2	4406.1	4202.9	3866.6	2803.7
-20°	4826.5	4645.1	4670.5	4769.0	4881.2	4875.5	4632.6	4428.9	4187.5	3511.3	2493.2



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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°	4671.9	4712.5	4825.5	5018.7	5049.7	4885.4	4654.5	4430.6	4135.4	3092.0	2171.1
-25°	4737.6	4892.3	5099.1	5180.1	5115.6	4880.5	4665.0	4386.4	3684.3	2676.9	1889.8
-27.5°	4952.5	5179.8	5315.1	5291.8	5100.7	4872.8	4620.5	4217.7	3163.1	2310.7	1876.4
-30°	5233.6	5352.6	5395.9	5301.9	5066.7	4828.3	4546.5	3602.0	2693.0	2005.9	1845.5
-32.5°	5410.5	5409.3	5365.0	5209.8	5006.1	4761.9	3941.2	2985.0	2208.5	1961.6	1823.8
-35°	5452.7	5343.6	5196.7	5054.5	4951.9	4157.4	3247.1	2421.1	2066.6	1916.4	1803.4
-37.5°	5323.0	5136.2	4963.4	4748.2	4136.6	3372.5	2524.2	2143.2	1995.7	1890.1	1786.5
-40°	5020.9	4818.6	4326.4	3803.3	3179.8	2465.0	2197.6	2051.5	1956.0	1864.5	1769.3
-42.5°	4258.6	3812.9	3338.9	2799.9	2327.5	2211.1	2096.7	2005.2	1918.0	1836.1	1702.5
-45°	3164.4	2765.0	2372.4	2281.5	2176.3	2105.0	2041.4	1963.9	1886.0	1758.4	1615.6
-47.5°	2332.8	2271.1	2199.7	2149.3	2095.1	2040.0	1990.2	1924.4	1791.8	1656.1	1509.0
-50°	2173.6	2145.0	2111.9	2076.2	2035.8	1990.0	1907.8	1805.7	1675.3	1537.2	1396.1
-52.5°	2100.8	2072.6	2045.2	2017.1	1950.5	1862.6	1770.0	1665.5	1544.3	1410.1	1274.8
-55°	2031.5	1981.8	1926.0	1865.4	1797.9	1709.3	1615.5	1513.6	1400.4	1273.9	1153.2
-57.5°	1864.2	1809.5	1753.2	1692.6	1627.9	1541.2	1445.7	1347.9	1249.6	1137.4	1030.0
-60°	1674.0	1619.9	1563.6	1501.1	1432.6	1354.4	1273.7	1186.9	1094.0	1008.3	921.5
-62.5°	1465.3	1410.6	1358.6	1304.8	1248.8	1186.8	1112.2	1039.2	964.8	888.0	808.1
-65°	1255.8	1207.7	1163.0	1121.6	1077.8	1030.9	966.5	900.1	832.2	762.8	692.2
-67.5°	1061.0	1022.5	986.9	951.6	913.7	872.5	816.7	757.2	703.8	651.7	596.7
-70°	879.9	846.8	814.7	783.4	754.3	725.5	686.7	642.2	596.3	558.0	522.6
-72.5°	726.5	701.8	677.9	655.5	630.7	610.5	586.6	557.2	526.8	495.7	466.8
-75°	617.5	599.8	582.7	568.3	553.0	536.5	519.0	497.1	475.3	453.5	431.6
-77.5°	544.8	531.0	517.7	507.5	496.8	485.5	471.9	452.9	434.1	415.1	395.9
-80°	487.8	476.2	464.7	455.7	446.4	436.8	425.8	409.4	392.8	376.1	359.2
-82.5°	430.2	420.6	410.9	403.2	395.3	387.1	378.2	364.0	349.8	335.6	321.3
-85°	372.0	364.2	356.3	350.2	344.0	337.6	330.8	319.2	307.4	295.6	283.7
-87.5°	318.4	312.8	307.1	302.4	297.6	292.7	287.7	278.5	269.4	260.3	251.2
-90°	1.3	1.3	1.3	1.6	2.0	2.3	2.6	2.9	3.2	3.5	3.8



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	217.6	209.2	200.9	192.5	181.3	170.1	158.8	147.6	135.7	123.9	112.0
87.5°	3.8	3.8	3.8	3.8	4.1	4.5	4.8	5.1	5.1	5.1	5.1
85°	3.8	3.8	3.8	3.8	4.1	4.5	4.8	5.1	5.1	5.1	5.1
82.5°	3.8	3.8	3.8	3.8	4.2	4.5	4.8	5.1	5.2	5.1	5.1
80°	4.1	4.2	4.2	4.2	4.4	4.5	4.8	5.2	5.5	5.6	5.5
77.5°	4.5	4.6	4.9	5.0	5.1	5.2	5.2	5.4	5.8	6.1	6.1
75°	5.1	5.0	5.0	5.3	5.7	5.8	5.8	6.1	6.6	6.7	6.7
72.5°	5.4	5.5	5.4	5.6	6.3	6.6	6.6	6.9	7.7	7.9	7.6
70°	7.4	6.4	6.1	6.8	7.4	7.5	7.7	8.4	8.8	9.2	8.9
67.5°	10.8	9.6	8.3	8.5	9.1	9.4	9.1	10.1	10.9	10.6	10.4
65°	19.8	15.1	11.5	12.3	12.2	11.6	11.4	12.4	13.2	13.0	11.8
62.5°	27.9	22.6	19.0	17.6	16.6	15.6	14.1	15.8	15.8	15.5	14.1
60°	35.2	29.3	27.4	26.3	23.4	20.4	19.6	19.4	19.5	18.2	16.7
57.5°	37.2	35.0	37.2	36.2	32.7	27.7	26.3	25.6	23.5	21.8	19.6
55°	39.0	39.4	47.9	48.1	43.6	37.5	35.7	33.6	28.5	25.8	23.1
52.5°	45.2	51.4	60.1	61.8	57.0	50.2	49.1	42.4	37.2	30.0	28.0
50°	59.7	71.4	78.5	79.0	72.1	69.6	63.9	56.3	46.4	35.7	33.3
47.5°	100.8	110.8	104.6	100.9	92.6	92.3	84.9	71.7	56.1	44.7	39.0
45°	183.1	173.7	150.4	131.0	123.3	122.4	110.1	88.2	71.2	55.8	45.2
42.5°	283.3	263.2	227.7	165.4	166.0	157.7	138.0	112.8	87.1	67.5	53.9
40°	419.3	368.7	319.7	255.2	215.0	197.0	173.3	140.4	103.8	81.1	64.4
37.5°	543.5	480.6	426.3	344.0	275.5	246.5	212.0	169.8	125.6	98.0	75.1
35°	618.6	582.3	520.6	429.9	353.6	299.8	253.5	203.0	152.8	115.3	86.1
32.5°	683.2	661.5	598.6	512.1	427.1	356.9	301.1	237.4	179.6	132.9	97.2
30°	743.3	720.4	676.2	588.4	496.9	421.3	349.0	270.5	205.7	150.8	109.2
27.5°	806.2	779.7	749.1	659.5	564.1	481.6	389.7	302.0	231.1	170.3	123.9
25°	871.0	837.6	803.8	729.6	626.2	529.4	428.6	332.2	257.3	191.8	138.4
22.5°	944.6	893.4	858.2	799.0	682.5	577.8	467.6	365.4	282.9	212.4	152.8
20°	1017.6	947.2	910.6	855.0	738.5	626.2	507.6	396.7	307.0	232.1	166.9
17.5°	1115.4	1004.0	952.2	894.5	791.1	672.8	546.8	426.1	329.6	250.9	180.7
15°	1345.2	1065.1	993.6	932.7	838.9	717.3	584.9	453.5	350.7	268.7	193.3
12.5°	1585.7	1125.8	1035.1	969.4	882.1	759.6	621.4	478.8	370.1	284.8	204.3
10°	1828.2	1185.1	1076.0	1004.4	920.9	799.3	655.9	504.8	391.3	299.5	214.4
7.5°	2063.4	1242.2	1115.9	1037.5	955.5	833.5	688.5	535.1	412.1	313.2	223.6
5°	2264.7	1292.8	1156.0	1073.2	987.5	861.5	717.0	563.6	431.6	325.7	231.8
2.5°	2362.1	1333.1	1194.7	1107.6	1016.5	885.6	741.5	589.8	449.6	336.8	238.9
0°	2417.7	1368.0	1230.7	1139.6	1042.0	906.0	762.3	613.4	465.8	346.5	245.1
-2.5°	2413.6	1401.1	1265.1	1173.2	1078.4	933.7	779.3	626.6	478.3	357.8	253.5
-5°	2370.3	1429.4	1296.6	1204.4	1110.5	957.0	792.6	636.7	488.6	367.4	260.8
-7.5°	2339.3	1461.7	1327.5	1233.7	1137.6	975.3	802.2	643.9	496.7	375.2	266.9
-10°	2272.7	1493.6	1358.8	1261.1	1154.1	987.3	808.6	648.1	502.7	381.0	271.7
-12.5°	2155.1	1518.8	1386.0	1285.0	1164.7	994.1	816.0	652.5	506.7	384.8	275.3
-15°	1984.3	1536.7	1409.0	1305.1	1170.3	996.4	819.1	655.0	510.3	386.9	277.5
-17.5°	1758.8	1547.1	1427.4	1321.2	1170.8	994.2	817.7	653.9	511.3	387.7	279.1
-20°	1722.5	1560.0	1441.2	1333.0	1166.1	987.6	811.7	649.3	509.7	386.3	279.9



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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°	1724.2	1576.4	1456.6	1326.4	1155.3	976.7	801.1	640.9	505.5	382.9	279.1
-25°	1718.9	1587.5	1470.2	1319.3	1138.5	961.2	787.3	628.8	498.6	377.3	276.8
-27.5°	1720.2	1594.7	1481.1	1305.7	1122.1	940.3	770.7	618.6	489.6	369.6	272.9
-30°	1720.6	1602.4	1465.9	1284.5	1099.1	917.0	749.8	605.5	478.9	362.4	267.4
-32.5°	1710.7	1607.6	1437.5	1253.2	1068.7	888.5	726.2	589.2	465.8	354.8	264.3
-35°	1702.1	1576.8	1401.6	1214.5	1031.6	859.3	702.4	569.8	450.2	345.2	261.5
-37.5°	1686.4	1521.8	1351.8	1168.1	988.2	825.2	679.2	549.9	432.1	333.6	257.5
-40°	1619.8	1456.4	1286.8	1114.2	944.0	786.2	651.9	527.1	415.5	319.9	252.3
-42.5°	1545.4	1379.4	1214.8	1051.8	896.1	751.5	620.8	500.5	397.4	310.1	246.1
-45°	1455.3	1295.4	1136.3	988.2	844.8	712.3	587.1	471.4	376.9	301.6	240.7
-47.5°	1358.3	1204.2	1057.7	919.7	795.8	669.0	549.2	445.6	354.4	291.8	237.2
-50°	1253.4	1111.8	977.9	854.7	738.9	622.0	509.9	417.1	340.5	279.8	232.9
-52.5°	1145.6	1019.7	900.5	788.4	678.5	570.5	474.8	387.5	324.9	271.2	228.0
-55°	1036.7	931.5	824.2	717.9	614.1	524.1	436.8	367.5	307.7	263.8	222.4
-57.5°	936.3	843.6	742.8	643.0	555.1	476.1	406.1	345.7	296.2	255.6	217.6
-60°	835.0	747.7	656.7	574.7	498.4	434.1	379.0	326.0	285.8	247.0	211.9
-62.5°	728.1	651.3	581.3	508.8	451.0	400.6	352.6	313.2	274.7	239.2	205.4
-65°	630.7	568.6	507.5	460.3	413.0	370.1	336.7	299.6	264.3	230.8	198.3
-67.5°	541.1	501.3	461.2	417.8	383.0	351.1	319.5	286.6	253.7	221.7	190.6
-70°	486.5	450.1	420.5	391.3	361.1	331.5	303.4	273.5	242.4	211.7	182.4
-72.5°	442.1	417.5	392.9	366.6	339.5	312.9	287.0	259.5	229.8	201.2	173.6
-75°	409.3	387.2	365.4	342.6	317.9	293.5	269.2	244.0	216.6	190.0	164.4
-77.5°	376.2	356.8	337.7	317.5	294.7	272.3	250.3	227.8	202.7	178.3	154.8
-80°	342.1	325.0	308.1	290.6	270.4	250.5	230.7	210.7	188.0	166.0	144.8
-82.5°	306.8	292.3	277.7	262.8	245.1	227.5	210.3	193.0	172.9	153.4	135.4
-85°	271.4	259.1	246.7	234.1	219.1	204.2	190.3	176.3	159.8	143.6	127.8
-87.5°	241.5	231.8	222.0	212.2	199.8	187.2	174.7	162.1	147.9	133.8	120.0
-90°	3.8	3.8	3.8	3.8	4.1	4.5	4.8	5.1	5.1	5.1	5.1

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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	100.1	83.4	66.7	50.1	33.4	20.5	7.7
87.5°	5.1	5.2	5.3	5.4	5.3	6.6	7.7
85°	5.1	5.4	5.6	5.6	5.6	6.9	7.7
82.5°	5.1	5.5	5.8	5.9	5.8	7.1	7.7
80°	5.2	5.7	6.0	6.1	6.1	7.3	7.7
77.5°	6.0	6.1	6.3	6.4	6.3	7.6	7.7
75°	6.8	7.0	6.6	6.7	6.6	7.8	7.7
72.5°	7.6	7.9	7.6	6.9	6.9	8.0	7.7
70°	8.6	8.9	8.5	7.3	7.2	8.3	7.7
67.5°	10.2	9.9	9.5	8.2	7.6	8.5	7.7
65°	12.0	11.3	10.5	9.0	7.9	8.8	7.7
62.5°	13.9	13.2	11.5	9.9	8.3	9.1	7.7
60°	15.9	15.2	12.5	10.8	8.7	9.3	7.7
57.5°	19.0	17.2	14.3	11.6	9.6	9.6	7.7
55°	22.4	19.3	16.1	12.5	10.5	9.9	7.7
52.5°	26.1	21.7	18.0	13.4	11.4	10.1	7.7
50°	29.9	25.0	19.9	14.3	12.4	10.4	7.7
47.5°	34.1	28.5	21.8	15.3	13.4	10.7	7.7
45°	39.5	32.1	23.8	16.8	14.4	10.9	7.7
42.5°	45.2	35.8	25.8	18.3	15.4	11.2	7.7
40°	51.0	39.6	28.3	20.2	16.5	11.5	7.7
37.5°	57.1	43.5	31.2	22.5	17.6	11.8	7.7
35°	63.4	48.0	34.2	24.8	18.7	12.1	7.7
32.5°	70.6	53.0	37.1	27.2	19.8	12.3	7.7
30°	79.6	58.0	40.0	29.6	20.9	12.6	7.7
27.5°	88.6	63.0	44.2	32.0	22.1	12.9	7.7
25°	97.4	68.0	48.4	34.4	23.2	13.2	7.7
22.5°	106.2	73.3	52.7	36.8	24.4	13.4	7.7
20°	114.7	79.4	56.8	39.2	25.5	13.7	7.7
17.5°	123.3	85.3	60.9	41.6	26.6	13.9	7.7
15°	131.6	91.0	64.9	43.9	27.7	14.2	7.7
12.5°	139.5	96.4	68.8	46.2	28.7	14.4	7.7
10°	146.8	101.5	72.6	48.5	29.8	14.6	7.7
7.5°	153.6	106.4	76.2	50.6	30.8	14.8	7.7
5°	159.9	111.0	79.7	52.7	31.7	15.0	7.7
2.5°	165.6	115.3	82.9	54.7	32.6	15.2	7.7
0°	170.7	119.3	86.0	56.5	33.4	15.4	7.7
-2.5°	176.8	124.3	89.8	59.5	35.2	16.1	7.7
-5°	182.2	128.9	93.5	62.3	37.0	16.9	7.7
-7.5°	187.0	133.1	96.8	65.0	38.6	17.6	7.7
-10°	191.2	137.1	100.0	67.5	40.2	18.3	7.7
-12.5°	194.6	140.6	102.9	69.8	41.6	18.9	7.7
-15°	197.4	143.7	105.5	72.0	43.0	19.6	7.7
-17.5°	199.5	146.5	107.9	74.0	44.3	20.2	7.7
-20°	201.4	148.8	110.0	75.8	45.4	20.8	7.7



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	203.0	150.8	111.9	77.3	46.4	21.3	7.7
-25°	203.9	152.6	113.5	78.7	47.3	21.8	7.7
-27.5°	203.9	154.2	114.9	79.9	48.1	22.3	7.7
-30°	202.9	155.2	116.0	80.8	48.7	22.7	7.7
-32.5°	201.1	155.8	116.9	81.5	49.2	23.1	7.7
-35°	200.5	155.9	117.5	82.0	49.6	23.5	7.7
-37.5°	200.1	155.7	117.8	82.2	49.8	23.8	7.7
-40°	199.1	155.7	117.7	82.3	49.9	24.1	7.7
-42.5°	197.4	155.2	117.4	82.0	49.8	24.3	7.7
-45°	195.1	154.3	116.8	81.6	49.6	24.5	7.7
-47.5°	192.2	153.0	115.8	80.9	49.2	24.6	7.7
-50°	189.8	151.2	114.5	80.1	48.7	24.7	7.7
-52.5°	186.9	148.9	112.9	79.0	48.1	24.7	7.7
-55°	183.6	146.3	111.0	77.8	47.3	24.7	7.7
-57.5°	179.7	143.3	108.7	76.3	46.4	24.7	7.7
-60°	175.3	139.9	106.2	74.6	45.4	24.6	7.7
-62.5°	170.4	136.1	103.5	72.8	44.9	24.5	7.7
-65°	165.1	131.9	100.4	70.7	44.3	24.3	7.7
-67.5°	159.2	127.4	97.1	68.4	43.6	24.1	7.7
-70°	152.9	122.6	93.6	65.9	42.8	23.8	7.7
-72.5°	146.3	117.4	89.7	64.2	41.9	23.5	7.7
-75°	139.2	111.9	85.7	62.6	41.0	23.2	7.7
-77.5°	131.7	106.1	82.7	60.8	39.9	22.9	7.7
-80°	123.9	101.4	79.8	58.9	38.7	22.5	7.7
-82.5°	118.1	97.2	76.8	56.9	37.5	22.0	7.7
-85°	112.3	92.8	73.6	54.7	36.2	21.6	7.7
-87.5°	106.3	88.2	70.2	52.4	34.8	21.1	7.7
-90°	5.1	5.1	5.1	5.1	5.1	6.4	7.7

(END OF REPORT)