

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: P1305708 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-57-70-5S-VHE-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1305708 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-5)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-640L-57-70-5S-VHE-A  
Description: EPHEBUS LUMASPORT 8 LUMINAIRE  
(8) 5700K, 70 CRI LEDS AND 5S BEAM SHAPE WITH ANODIZED CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

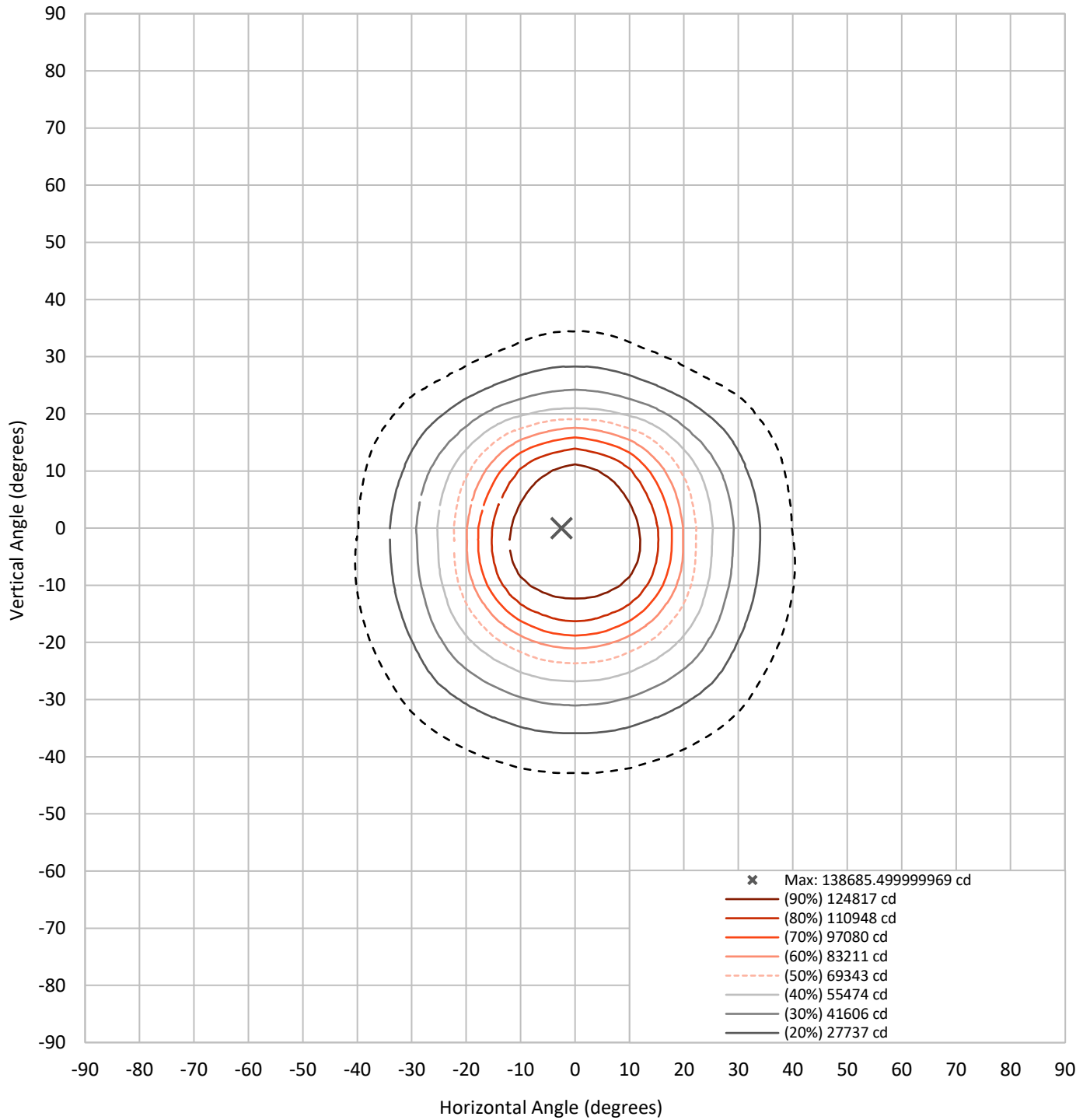
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	90303 lumens	Max Intensity:	138685.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x 0°V
Efficacy:	139.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	44.5°H x 42.5°V	Field Angle (10%):	79.6°H x 77.3°V
Beam Lumens:	49584.9 lumens	Field Lumens:	82977.4 lumens
Beam Efficiency:	54.9%	Field Efficiency:	91.9%

Input Watts (W): 648  
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





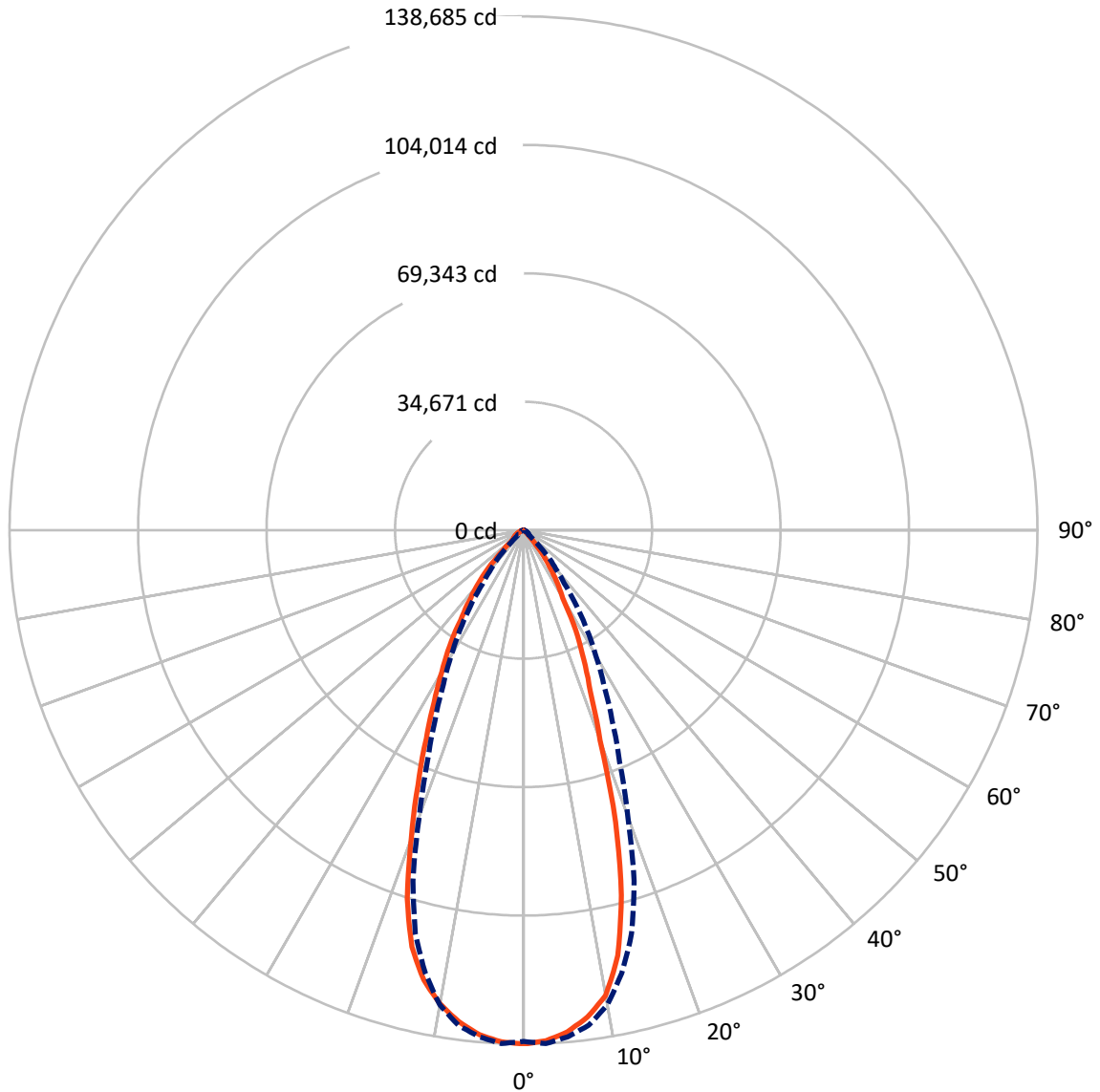
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### Lumen Table

90	0.4	1.3	2.3	3.1	3.5	3.1	2.3	1.3	0.4										
80	0.4	0.2	0.3	0.5	0.7	0.7	0.8	0.9	0.9	0.8	0.7	0.7	0.5	0.3	0.2	0.4			
70	0.4	0.5	0.8	1.3	1.3	1.0	1.2	1.3	1.3	1.2	1.0	1.3	1.3	0.8	0.5	0.4			
60	1.0	1.2	2.7	5.4	9.7	19.8	43.8	59.1	59.1	43.8	19.8	9.7	5.4	2.7	1.2	1.0			
50	1.0	2.7	9.0	18.3	46.4	137.8	255.3	376.1	376.1	255.3	137.8	46.4	18.3	9.0	2.7	1.0			
40	2.2	4.7	15.6	39.8	191.2	451.9	830.8	1140.6	1140.6	830.8	451.9	191.2	39.8	15.6	4.7	2.2			
30	2.2	6.4	20.8	89.9	417.5	1032.2	2008.3	2870.2	2870.2	2008.3	1032.2	417.5	89.9	20.8	6.4	2.2			
20	3.3	8.0	24.5	136.4	587.8	1498.8	3006.9	3988.8	3988.8	3006.9	1498.8	587.8	136.4	24.5	8.0	3.3			
10	3.3	8.9	27.4	145.4	633.4	1571.8	3190.0	4051.2	4051.2	3190.0	1571.8	633.4	145.4	27.4	8.9	3.3			
0	3.9	9.1	28.8	119.9	539.3	1313.5	2474.5	3341.2	3341.2	2474.5	1313.5	539.3	119.9	28.8	9.1	3.9			
-10	3.9	8.7	28.8	74.4	349.7	869.7	1446.3	1874.7	1874.7	1446.3	869.7	349.7	74.4	28.8	8.7	3.9			
-20	3.9	7.8	25.2	53.6	142.3	423.1	711.9	904.4	904.4	711.9	423.1	142.3	53.6	25.2	7.8	3.9			
-30	3.9	6.5	18.7	40.6	68.7	112.2	210.0	294.4	294.4	210.0	112.2	68.7	40.6	18.7	6.5	3.9			
-40	3.6	5.3	12.4	25.4	45.0	63.0	77.5	88.6	88.6	77.5	63.0	45.0	25.4	12.4	5.3	3.6			
-50	3.6	4.3	8.2	14.3	23.3	31.8	40.6	46.7	46.7	40.6	31.8	23.3	14.3	8.2	4.3	3.6			
-60	2.6	15.8	34.9	54.9	67.2	54.9	34.9	15.8	2.6							2.6			
-70	2.6	15.8	34.9	54.9	67.2	54.9	34.9	15.8	2.6							2.6			
-80	2.6	15.8	34.9	54.9	67.2	54.9	34.9	15.8	2.6							2.6			
-90	2.6	15.8	34.9	54.9	67.2	54.9	34.9	15.8	2.6							2.6			

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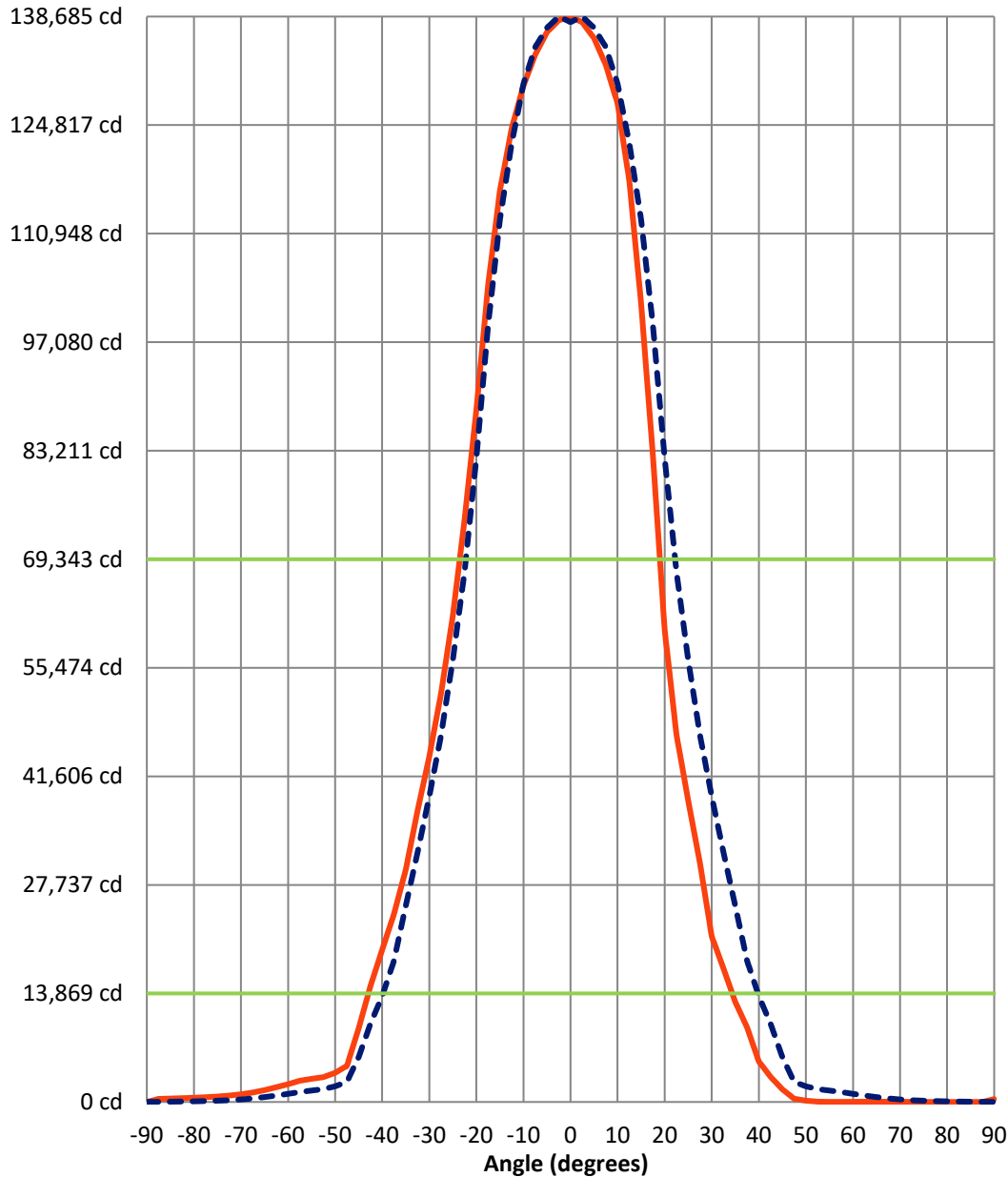
### Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg      - - - Horizontal Distribution Through 0-Deg

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 44.5°  
 V Angle: 42.5°  
 Lumens: 49584.9  
 Efficiency: 54.9%

**Field:**  
 H Angle: 79.6°  
 V Angle: 77.3°  
 Lumens: 82977.4  
 Efficiency: 91.9%

**Spill:**  
 Lumens: 7325.6  
 Efficiency: 8.1%

— Vertical Distribution through -2.5-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°	12.0	23.4	34.9	57.8	80.7	101.9	123.2	140.6	158.0	170.6	183.1
87.5°	12.0	11.1	10.1	10.2	10.2	10.3	10.4	9.9	9.5	9.3	9.2
85°	12.0	11.4	10.4	10.5	10.6	10.8	10.9	10.6	10.2	10.0	9.6
82.5°	12.0	11.6	10.7	10.9	11.0	11.2	11.5	11.3	11.0	10.6	10.1
80°	12.0	11.9	11.0	11.2	11.3	11.7	12.1	11.9	11.8	11.3	10.7
77.5°	12.0	12.1	11.3	11.6	11.7	12.2	12.7	12.6	12.5	12.0	11.2
75°	12.0	12.4	11.7	12.0	12.2	13.0	13.3	13.3	13.3	12.6	11.8
72.5°	12.0	12.6	12.0	12.3	13.0	13.7	13.9	14.0	13.8	13.1	12.4
70°	12.0	12.9	12.4	12.8	13.7	14.5	14.7	14.8	14.4	13.7	13.4
67.5°	12.0	13.1	12.7	13.4	14.5	15.3	15.6	15.7	15.1	14.9	14.6
65°	12.0	13.4	13.1	14.0	15.3	16.1	16.6	16.6	16.6	16.2	16.2
62.5°	12.0	13.7	13.5	14.7	16.1	17.0	17.6	18.0	18.2	17.9	18.8
60°	12.0	13.9	14.0	15.3	16.8	18.0	18.6	19.7	19.9	21.6	21.9
57.5°	12.0	14.2	14.7	15.9	17.9	18.9	20.7	21.5	24.5	26.2	27.9
55°	12.0	14.4	15.4	16.5	19.1	19.9	23.1	23.9	30.4	32.5	35.9
52.5°	12.0	14.7	16.2	17.2	20.4	21.1	25.7	30.0	37.0	42.3	44.9
50°	12.0	15.0	17.0	17.8	21.8	24.1	28.5	36.7	44.9	52.7	58.0
47.5°	12.0	15.3	17.9	18.5	23.2	27.3	32.0	43.5	55.1	63.8	72.7
45°	12.0	15.5	18.8	19.7	24.8	30.7	38.0	50.4	65.5	77.9	88.2
42.5°	12.0	15.8	19.8	20.9	26.4	34.2	44.0	58.9	76.2	92.7	111.6
40°	12.0	16.1	20.8	22.8	28.7	37.8	50.4	68.5	88.1	108.0	137.7
37.5°	12.0	16.3	21.8	24.9	31.6	41.6	57.4	78.3	102.0	126.3	165.2
35°	12.0	16.6	22.9	27.2	34.5	46.6	64.3	88.3	116.2	151.1	197.0
32.5°	12.0	16.8	24.0	29.5	37.5	52.2	71.9	98.7	130.8	176.5	233.1
30°	12.0	17.1	25.1	31.8	40.4	57.7	80.7	109.7	145.7	202.2	268.6
27.5°	12.0	17.4	26.2	34.1	44.4	63.1	89.3	121.8	162.3	228.2	303.4
25°	12.0	17.6	27.4	36.5	48.4	68.5	97.6	133.3	181.6	256.1	337.5
22.5°	12.0	17.8	28.5	38.9	52.4	74.0	105.8	144.4	199.8	280.2	373.5
20°	12.0	18.1	29.7	41.3	56.3	79.9	113.6	154.9	216.9	303.0	403.6
17.5°	12.0	18.3	30.8	43.7	60.1	85.6	121.5	164.9	232.9	324.4	432.1
15°	12.0	18.5	32.0	46.0	63.7	91.0	129.0	174.6	247.6	344.4	459.1
12.5°	12.0	18.7	33.1	48.3	67.3	96.2	136.2	184.1	262.4	362.7	484.4
10°	12.0	18.9	34.2	50.6	70.7	101.1	142.9	193.1	277.2	384.4	511.1
7.5°	12.0	19.1	35.2	52.8	74.0	105.7	149.1	201.4	290.8	405.4	543.1
5°	12.0	19.3	36.3	54.9	77.1	110.0	154.8	209.1	303.2	424.8	573.2
2.5°	12.0	19.5	37.2	57.0	80.0	114.0	159.9	216.1	314.2	442.3	600.8
0°	12.0	19.6	38.1	58.9	82.8	117.7	164.6	222.3	323.7	457.7	625.6
-2.5°	12.0	20.4	39.7	61.5	86.6	123.1	171.6	231.4	334.8	470.7	638.4
-5°	12.0	21.1	41.3	64.0	90.3	128.1	178.1	239.6	344.2	481.2	647.8
-7.5°	12.0	21.8	42.8	66.3	93.7	132.7	183.9	246.9	351.8	489.2	653.9
-10°	12.0	22.5	44.2	68.5	96.9	136.9	189.0	253.2	357.7	494.5	656.9
-12.5°	12.0	23.2	45.5	70.5	99.9	140.7	193.5	258.5	361.6	497.3	661.5
-15°	12.0	23.8	46.7	72.4	102.6	144.0	197.3	262.8	363.8	498.2	663.9
-17.5°	12.0	24.4	47.8	74.1	105.0	146.8	200.4	266.6	364.4	496.0	661.1
-20°	12.0	25.0	48.8	75.7	107.1	149.0	203.1	269.7	363.0	490.9	652.9



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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°	12.0	25.5	49.7	77.1	108.9	150.8	205.9	271.8	359.8	482.8	639.8
-25°	12.0	26.0	50.5	78.3	110.4	152.9	207.9	273.0	354.7	471.7	628.4
-27.5°	12.0	26.5	51.2	79.4	111.7	154.9	209.1	273.2	347.7	464.1	620.0
-30°	12.0	26.9	51.8	80.2	112.7	156.5	209.5	272.4	344.7	458.1	606.9
-32.5°	12.0	27.3	52.3	80.9	114.6	157.4	209.1	271.8	344.4	448.9	588.8
-35°	12.0	27.6	52.7	81.4	116.2	157.9	209.2	270.7	342.5	436.6	565.7
-37.5°	12.0	27.9	52.9	81.7	117.4	158.5	209.2	269.1	338.8	421.0	544.6
-40°	12.0	28.1	53.0	81.8	118.4	159.6	208.5	266.3	333.4	411.7	524.4
-42.5°	12.0	28.3	53.0	82.0	119.2	160.4	207.3	262.4	328.2	403.9	500.6
-45°	12.0	28.5	52.9	82.5	119.9	160.8	205.6	258.6	322.3	393.9	475.7
-47.5°	12.0	28.6	52.7	82.7	120.1	160.8	203.0	255.5	315.2	381.8	461.7
-50°	12.0	28.6	52.3	82.7	119.9	160.4	202.1	251.6	306.0	371.0	445.2
-52.5°	12.0	28.6	51.9	82.6	119.4	159.6	201.0	246.7	298.2	358.1	425.3
-55°	12.0	28.6	51.3	82.2	118.4	158.2	199.3	241.4	290.6	343.3	405.3
-57.5°	12.0	28.5	50.6	81.6	117.1	156.3	197.1	238.6	281.9	331.6	383.6
-60°	12.0	28.3	49.8	80.7	115.4	153.9	194.4	234.8	273.2	320.1	362.7
-62.5°	12.0	28.1	49.2	79.7	113.8	151.1	190.7	230.2	267.6	306.8	346.1
-65°	12.0	27.9	48.4	78.4	111.8	147.8	186.6	224.8	261.2	296.4	328.5
-67.5°	12.0	27.6	47.5	76.9	109.6	144.3	181.9	218.4	254.2	286.6	314.8
-70°	12.0	27.3	46.4	75.2	107.0	140.4	176.7	211.4	245.6	276.1	302.4
-72.5°	12.0	26.9	45.3	73.5	104.1	136.0	170.5	203.8	236.4	264.3	289.3
-75°	12.0	26.5	44.0	71.8	101.0	131.2	163.6	194.9	226.5	252.0	275.5
-77.5°	12.0	26.1	42.7	69.8	98.1	126.0	156.2	185.2	214.7	238.7	261.2
-80°	12.0	25.6	41.3	67.7	95.0	121.3	148.4	175.0	202.3	223.6	244.5
-82.5°	12.0	25.1	39.8	65.5	91.7	116.9	142.3	165.4	189.3	208.0	226.6
-85°	12.0	24.6	38.2	63.1	88.3	112.1	136.2	157.5	179.1	194.7	210.3
-87.5°	12.0	24.0	36.6	60.5	84.6	107.1	129.8	149.2	168.7	182.8	196.8
-90°	12.0	10.9	9.8	9.8	9.8	9.8	9.8	9.3	8.7	8.7	8.7



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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°	190.8	198.4	205.5	212.5	221.3	230.0	239.3	248.5	258.3	268.1	277.4
87.5°	8.7	8.2	8.2	8.2	7.7	7.2	6.9	6.5	6.0	5.4	5.3
85°	9.2	8.7	8.8	8.7	8.3	7.9	7.5	7.0	6.5	6.0	6.0
82.5°	9.9	9.8	9.4	8.8	8.6	8.6	8.2	7.7	7.2	6.9	6.7
80°	10.6	10.9	10.0	9.2	9.0	8.8	8.2	7.7	7.6	7.6	7.2
77.5°	11.1	11.0	10.4	9.8	9.4	9.0	8.7	8.3	8.1	7.7	7.6
75°	11.4	11.1	10.7	10.1	9.7	9.7	9.5	9.2	8.9	9.0	9.0
72.5°	12.1	11.8	11.2	10.3	10.0	10.3	10.3	10.0	10.3	10.7	10.7
70°	13.0	12.6	11.9	11.1	10.7	11.1	11.6	12.4	13.2	13.4	14.4
67.5°	14.1	13.6	12.6	12.0	11.8	12.4	13.1	15.8	18.3	19.7	21.2
65°	15.6	14.9	13.9	13.7	13.1	15.8	18.0	20.8	26.0	28.5	28.3
62.5°	17.5	17.8	16.4	16.7	19.0	21.3	25.3	31.2	37.3	39.6	37.5
60°	22.3	21.6	21.6	23.1	25.6	28.4	34.6	41.9	48.9	52.7	47.0
57.5°	28.5	28.3	29.9	30.9	34.2	35.1	43.2	52.3	58.4	62.9	55.5
55°	37.3	37.6	40.8	41.8	44.2	44.1	51.1	59.7	65.9	68.0	60.2
52.5°	49.6	50.1	55.9	56.7	55.9	56.7	59.2	68.5	73.7	73.8	66.9
50°	62.9	69.9	73.5	75.9	71.7	74.3	71.9	82.1	89.9	89.2	91.6
47.5°	82.8	92.2	97.4	101.2	98.0	106.1	104.3	120.2	125.6	155.5	160.2
45°	106.4	121.3	128.3	136.7	146.1	155.9	181.2	181.3	252.2	280.0	353.5
42.5°	132.8	155.2	174.5	177.9	224.9	252.2	286.8	357.7	426.9	513.8	546.9
40°	167.8	192.7	231.9	276.3	328.4	387.9	452.3	538.4	629.2	674.2	679.9
37.5°	206.6	253.4	308.1	388.5	468.7	546.8	628.4	712.6	778.0	794.6	855.7
35°	248.3	316.9	419.1	511.4	604.6	712.6	785.1	862.7	902.0	970.8	1088.2
32.5°	300.8	382.1	509.1	629.2	732.8	850.3	919.8	979.2	1071.4	1190.7	1450.0
30°	355.5	455.6	584.1	722.7	850.3	948.8	1028.0	1102.5	1246.9	1535.2	2424.2
27.5°	401.2	518.8	653.9	808.4	954.0	1043.9	1133.5	1263.7	1521.9	2115.8	3802.0
25°	442.1	569.8	722.2	901.7	1044.2	1143.2	1259.9	1443.8	1848.8	3460.8	5621.6
22.5°	482.1	620.1	800.4	999.8	1135.8	1240.8	1417.6	1749.6	2598.3	4864.7	7461.6
20°	523.3	684.3	885.1	1090.9	1223.4	1327.3	1555.3	2046.7	3784.0	6375.9	9085.3
17.5°	566.5	749.1	967.7	1155.7	1279.6	1418.0	1700.6	2290.3	4773.8	7787.4	10820.2
15°	608.8	811.3	1038.3	1211.5	1331.1	1515.9	1895.7	3008.9	5820.4	9363.3	12675.1
12.5°	649.2	867.8	1093.0	1255.4	1381.9	1607.0	2056.0	3800.6	7078.9	10826.7	14287.7
10°	687.4	918.4	1139.1	1296.8	1437.1	1704.4	2210.3	4575.6	8180.6	11777.6	15283.0
7.5°	726.5	960.5	1177.9	1336.3	1490.3	1796.1	2380.3	5177.8	9003.2	12509.1	16052.1
5°	762.0	992.9	1215.4	1380.6	1545.2	1877.5	2517.7	5638.1	9620.4	13113.5	16737.0
2.5°	793.0	1018.4	1247.2	1422.3	1598.7	1945.6	2557.3	5766.0	9910.3	13438.7	17410.7
0°	819.6	1037.6	1273.0	1459.3	1646.8	2001.0	2567.7	5743.6	9982.1	13537.2	18066.7
-2.5°	834.7	1062.4	1319.1	1512.5	1689.9	2045.7	2622.1	5752.1	10042.8	14227.2	18910.3
-5°	845.2	1081.0	1356.8	1559.6	1728.1	2077.1	2652.3	5621.3	9960.7	14590.5	19156.9
-7.5°	851.2	1092.8	1384.7	1598.8	1762.7	2099.9	2669.4	5408.7	9965.3	14607.0	18846.7
-10°	854.3	1103.9	1397.7	1620.9	1792.4	2110.8	2661.1	5043.5	9569.7	14211.6	18335.8
-12.5°	864.6	1114.2	1402.4	1637.2	1816.2	2113.4	2673.3	4686.1	8827.6	13491.8	17605.5
-15°	868.6	1116.9	1399.8	1650.7	1854.5	2139.2	2673.7	4131.0	7864.3	12578.5	16687.1
-17.5°	865.9	1111.8	1391.8	1670.1	1889.9	2141.3	2613.0	3402.9	6763.9	11279.1	15477.8
-20°	856.5	1100.3	1374.4	1679.7	1910.2	2159.0	2595.2	3284.7	5685.6	9654.5	14009.4



REPORT NUMBER: P1305708 (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°	842.8	1082.4	1349.5	1658.5	1933.3	2197.9	2570.9	3127.5	4417.5	7798.7	12191.7
-25°	826.4	1062.6	1322.8	1634.1	1944.0	2222.7	2495.5	2917.5	3673.0	6210.8	9941.9
-27.5°	809.3	1034.6	1294.3	1593.6	1937.5	2210.8	2451.1	2801.1	3335.0	4446.6	7597.8
-30°	787.7	1000.9	1252.4	1541.1	1880.1	2174.4	2424.1	2650.5	3015.1	3683.2	5574.7
-32.5°	761.2	961.5	1205.7	1481.3	1793.6	2130.6	2361.6	2558.3	2836.1	3245.4	4021.6
-35°	731.3	926.6	1153.8	1405.9	1691.0	2020.8	2267.5	2475.7	2663.3	2978.4	3474.7
-37.5°	700.8	883.5	1087.0	1326.0	1597.5	1866.8	2157.9	2365.4	2554.4	2752.2	3105.7
-40°	665.1	830.1	1020.7	1241.7	1471.9	1716.2	1986.2	2246.2	2432.9	2639.1	2851.0
-42.5°	626.2	779.3	949.7	1141.3	1347.9	1567.6	1807.2	2067.6	2317.9	2514.9	2709.8
-45°	594.7	724.5	874.0	1044.6	1222.5	1418.0	1636.5	1864.6	2130.4	2385.5	2565.7
-47.5°	556.7	669.9	807.7	943.0	1104.0	1278.4	1465.1	1681.1	1904.0	2155.2	2401.7
-50°	520.3	624.1	730.1	852.1	988.7	1142.0	1308.4	1498.6	1704.7	1910.6	2134.2
-52.5°	495.4	574.8	665.2	761.4	880.8	1012.1	1159.6	1321.1	1501.7	1681.6	1875.4
-55°	468.1	536.8	601.7	683.3	777.1	891.1	1019.1	1160.2	1298.0	1462.2	1626.8
-57.5°	441.4	498.4	550.6	613.2	691.5	775.3	891.6	1009.0	1128.7	1255.8	1394.9
-60°	414.4	461.1	506.7	557.3	614.4	688.5	769.5	867.6	965.4	1067.0	1190.0
-62.5°	387.4	425.4	464.6	508.2	556.7	606.8	672.9	744.5	813.0	905.5	1003.6
-65°	365.7	391.9	424.3	462.7	501.8	547.6	593.7	638.5	698.6	768.8	839.9
-67.5°	342.4	367.0	390.8	417.7	453.1	490.9	529.0	569.1	609.9	658.1	710.0
-70°	325.4	342.8	363.9	386.2	409.4	436.7	470.7	504.0	538.3	578.6	619.9
-72.5°	309.3	325.3	341.1	356.7	377.6	400.3	422.7	445.1	473.7	507.9	540.9
-75°	292.9	307.5	322.0	336.2	351.9	368.9	386.5	406.7	428.9	452.6	475.6
-77.5°	276.1	289.1	302.2	315.3	329.7	344.7	360.1	375.5	393.0	411.4	429.2
-80°	258.1	270.2	282.0	293.6	306.7	319.9	333.7	347.5	363.0	378.9	393.7
-82.5°	238.2	249.0	260.0	270.8	282.8	294.8	307.0	319.1	332.7	346.5	359.1
-85°	219.2	227.5	237.3	246.8	257.8	268.6	279.5	290.4	302.9	315.3	326.2
-87.5°	205.0	213.0	220.9	228.7	238.1	247.4	256.8	266.2	277.1	288.1	297.6
-90°	8.2	7.6	7.6	7.6	7.1	6.5	6.5	6.5	6.0	5.4	4.9



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	286.6	292.6	298.6	303.5	308.4	315.0	321.5	330.2	338.9	347.7	356.4
87.5°	5.2	4.8	4.4	4.3	4.3	4.3	4.3	3.8	3.3	3.3	3.3
85°	6.1	6.0	5.9	5.6	5.2	5.2	5.3	5.3	5.3	4.8	4.4
82.5°	6.5	6.5	6.5	6.0	5.4	5.4	5.4	5.4	5.4	4.9	4.4
80°	6.9	6.7	6.5	6.3	6.1	5.8	5.4	5.0	4.6	4.5	4.4
77.5°	7.7	7.4	7.0	6.8	6.6	6.1	5.5	5.0	4.5	4.4	4.4
75°	8.8	8.4	8.2	7.8	7.2	6.9	6.8	6.6	6.2	6.2	6.3
72.5°	10.5	10.4	10.4	10.6	10.6	10.9	11.4	11.9	12.3	13.2	14.2
70°	15.7	16.7	17.2	17.6	17.5	17.3	17.3	17.5	18.1	18.6	19.0
67.5°	22.9	24.6	25.6	26.0	24.3	23.3	23.4	23.9	24.7	26.3	28.5
65°	29.9	29.5	28.6	28.1	28.3	28.4	28.3	28.6	30.1	32.3	35.2
62.5°	35.1	30.4	27.6	26.2	27.2	28.8	27.7	26.8	28.0	29.4	30.8
60°	40.2	31.5	25.2	23.2	22.9	23.6	21.7	19.9	20.4	20.9	21.7
57.5°	45.0	33.6	23.3	19.9	16.7	15.1	14.6	14.0	13.6	13.2	13.4
55°	49.3	36.6	22.9	20.3	18.0	17.5	16.0	15.3	14.6	14.3	14.7
52.5°	54.6	47.1	37.6	34.9	39.3	39.6	35.1	41.6	46.6	48.9	49.9
50°	89.4	80.1	96.1	94.6	113.4	126.7	122.0	136.8	158.8	172.6	178.4
47.5°	196.4	196.8	228.5	256.6	279.9	310.3	333.6	356.2	387.6	407.1	415.9
45°	372.6	404.4	437.5	485.7	531.9	588.2	656.0	709.3	923.0	1136.0	1329.7
42.5°	570.4	605.2	653.7	758.7	883.5	1172.5	1689.2	1977.6	2337.5	2729.3	2879.8
40°	735.0	785.5	918.6	1214.4	1934.7	2620.6	3374.0	4011.0	4575.0	4899.4	5170.6
37.5°	938.3	1058.9	1665.2	2502.3	3397.9	4257.5	5033.4	5706.6	6291.0	6765.0	7234.1
35°	1234.6	2035.4	2931.1	4019.6	4971.6	5767.9	6571.8	7343.2	8006.0	8713.9	9765.8
32.5°	2340.4	3387.1	4539.3	5514.9	6445.4	7450.1	8294.8	9529.2	10495.9	11786.6	13759.0
30°	3756.5	5070.2	6115.0	7090.9	8283.9	9635.9	11046.4	12934.4	14907.2	16965.3	19083.3
27.5°	5574.8	6901.6	8003.0	9304.8	10880.1	12679.3	15376.0	18037.2	20866.6	23440.1	25396.1
25°	7766.4	9171.5	11054.3	12943.0	15197.4	18272.2	21301.8	24562.5	27399.2	29924.8	32752.0
22.5°	9820.4	12123.8	14610.0	17461.4	21132.5	24600.3	28346.2	31645.9	35205.9	38805.5	41589.5
20°	11554.5	14555.2	18121.7	22232.2	26301.4	30229.7	34588.8	39848.5	45148.4	49883.2	53319.1
17.5°	13893.6	17693.8	22133.2	27019.2	31400.0	36268.2	42335.1	49169.1	56595.3	63166.2	68376.2
15°	16449.4	20887.0	25906.7	31026.2	36568.6	43091.8	50893.0	59620.7	68704.6	77918.3	86502.0
12.5°	18187.0	23386.0	28867.5	34954.8	41867.7	50613.8	60086.5	69761.7	80142.6	91606.6	101563.9
10°	19672.4	25440.1	32053.2	39133.9	47077.3	56479.1	66269.6	78021.3	90979.0	102268.3	112933.5
7.5°	21141.6	27919.0	34827.1	42199.5	50926.7	61138.4	72725.5	85364.1	98551.0	110821.7	119543.4
5°	22880.1	29911.4	36819.0	44606.8	53746.1	64368.1	76589.9	91103.2	104997.0	116276.3	124142.8
2.5°	24317.6	31106.5	38179.7	45887.5	55280.5	66370.7	79635.5	95764.0	110020.5	120566.9	127685.1
0°	25049.5	31872.0	39035.7	46868.6	56497.6	67813.7	82286.0	99229.0	112703.1	122445.9	130069.0
-2.5°	25138.7	31628.7	38660.4	46385.9	55796.7	67337.2	82173.7	99317.0	113401.2	123527.6	131048.6
-5°	24878.9	31308.1	38326.3	46056.5	55340.1	67361.0	82257.8	98742.3	112351.8	122840.9	129924.0
-7.5°	24252.3	30719.4	37750.6	45367.0	54504.7	66163.1	80057.1	94999.2	108997.8	120331.1	126865.2
-10°	23334.4	29688.7	36611.5	43902.5	52519.8	63298.8	75724.4	89404.0	103549.8	114386.0	121921.3
-12.5°	22173.5	28187.3	34805.0	41698.1	49834.0	59876.4	70952.5	82407.2	94265.2	106619.1	114467.5
-15°	20840.7	26335.9	32530.5	39460.5	47504.2	55873.4	64671.5	74003.9	84844.0	94949.1	104084.9
-17.5°	19576.0	24308.8	30088.6	36840.6	43690.2	50962.2	58502.4	66121.7	74814.4	82746.7	89842.7
-20°	17986.7	22016.5	27342.0	33341.4	39706.1	46007.2	52483.8	58656.7	64967.4	71423.9	77059.6



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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°	16113.4	20032.5	24475.6	29699.4	35809.8	41417.7	46605.0	51429.1	56487.3	60954.8	65592.8
-25°	14072.7	17840.8	21923.9	26685.9	31377.5	36461.4	40766.7	44869.2	48792.6	52300.6	55907.2
-27.5°	11566.7	15544.7	19569.5	23380.8	27252.2	30902.6	34916.6	38701.7	41973.7	44867.7	47726.1
-30°	8743.5	12965.8	16773.0	20042.4	23111.6	26156.2	29229.3	32405.4	35502.9	38138.2	40479.4
-32.5°	6451.2	9973.4	13492.5	16696.4	19382.6	21899.0	24288.8	26780.7	28947.2	31171.7	33336.8
-35°	4268.2	6757.7	9679.2	12936.2	15733.9	17850.8	20017.8	22004.5	23637.7	25362.3	26996.8
-37.5°	3592.1	4254.6	6208.9	8853.2	11444.3	13878.6	16039.6	17766.8	19269.9	20647.5	22059.2
-40°	3168.6	3546.5	4102.6	5063.3	7242.4	9383.9	11610.2	13446.2	15047.6	16368.0	17667.7
-42.5°	2890.7	3150.0	3427.0	3805.4	4178.3	5227.1	7054.7	8639.3	10141.3	11629.0	12968.1
-45°	2746.7	2892.2	3050.7	3256.4	3415.9	3700.2	4017.6	4315.8	5511.2	6803.0	7884.2
-47.5°	2574.0	2729.2	2847.6	2944.5	3022.1	3146.9	3278.9	3451.4	3728.1	4054.4	4303.4
-50°	2353.2	2541.5	2659.7	2756.9	2812.6	2860.8	2908.4	3016.5	3166.4	3344.4	3485.5
-52.5°	2067.7	2254.1	2421.4	2547.7	2609.3	2669.4	2729.1	2803.4	2888.7	2991.4	3065.1
-55°	1798.6	1954.4	2099.2	2216.9	2323.1	2419.9	2513.0	2591.7	2683.7	2781.4	2850.1
-57.5°	1543.2	1669.0	1787.8	1889.8	1981.8	2063.1	2158.3	2261.7	2379.3	2491.4	2570.3
-60°	1304.6	1404.6	1503.4	1586.3	1661.1	1727.9	1815.8	1902.6	2005.6	2097.4	2164.3
-62.5°	1091.2	1178.5	1251.6	1314.1	1370.4	1426.3	1500.3	1572.9	1657.6	1731.0	1786.5
-65°	906.6	979.5	1030.9	1077.4	1118.2	1165.7	1223.0	1281.1	1347.8	1404.8	1450.4
-67.5°	764.3	813.7	846.0	874.7	908.5	946.4	989.6	1036.1	1088.0	1131.0	1165.9
-70°	656.7	687.5	707.1	728.5	753.2	779.4	808.7	843.7	883.1	916.8	945.7
-72.5°	571.6	595.1	611.3	627.9	642.8	660.6	680.3	706.5	735.6	761.9	786.3
-75°	497.8	514.6	529.7	544.1	557.0	572.2	587.9	609.9	633.8	655.5	675.9
-77.5°	448.2	461.2	471.2	480.8	490.2	502.9	515.8	533.5	552.1	570.1	587.4
-80°	408.4	418.4	426.9	434.0	440.4	451.2	462.3	476.8	491.7	507.1	522.4
-82.5°	371.5	380.3	388.5	395.2	401.4	411.1	421.0	434.0	447.0	460.0	472.7
-85°	337.0	345.1	352.7	359.1	365.4	373.2	381.0	392.3	403.5	415.2	426.8
-87.5°	307.1	314.6	322.2	327.2	332.1	339.1	346.1	355.7	365.2	375.3	385.3
-90°	4.4	4.4	4.4	3.9	3.3	3.3	3.3	2.8	2.2	2.2	2.2



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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°	360.8	365.1	367.3	369.5	367.3	365.1	360.8	356.4	347.7	338.9	330.2
87.5°	2.7	2.2	2.2	2.2	2.2	2.2	2.7	3.3	3.3	3.3	3.8
85°	3.8	3.3	3.8	4.4	3.8	3.3	3.8	4.4	4.8	5.3	5.3
82.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.9	5.4	5.4
80°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.6	5.0
77.5°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	5.0
75°	5.9	5.4	5.4	5.4	5.4	5.4	5.9	6.3	6.2	6.2	6.6
72.5°	14.7	15.0	15.7	16.3	15.7	15.0	14.7	14.2	13.2	12.3	11.9
70°	19.3	19.5	19.6	19.6	19.6	19.5	19.3	19.0	18.6	18.1	17.5
67.5°	29.6	30.1	31.4	32.7	31.4	30.1	29.6	28.5	26.3	24.7	23.9
65°	37.2	38.6	39.1	39.2	39.1	38.6	37.2	35.2	32.3	30.1	28.6
62.5°	32.2	33.6	33.9	33.8	33.9	33.6	32.2	30.8	29.4	28.0	26.8
60°	22.4	23.1	23.5	24.0	23.5	23.1	22.4	21.7	20.9	20.4	19.9
57.5°	13.6	14.3	14.3	14.2	14.3	14.3	13.6	13.4	13.2	13.6	14.0
55°	14.9	15.2	14.9	14.2	14.9	15.2	14.9	14.7	14.3	14.6	15.3
52.5°	48.6	46.1	43.7	41.4	43.7	46.1	48.6	49.9	48.9	46.6	41.6
50°	176.5	173.6	169.4	164.6	169.4	173.6	176.5	178.4	172.6	158.8	136.8
47.5°	423.7	424.7	420.6	413.1	420.6	424.7	423.7	415.9	407.1	387.6	356.2
45°	1498.4	1580.0	1623.9	1654.4	1623.9	1580.0	1498.4	1329.7	1136.0	923.0	709.3
42.5°	3011.2	3125.6	3212.4	3230.4	3212.4	3125.6	3011.2	2879.8	2729.3	2337.5	1977.6
40°	5492.1	5511.2	5192.5	4711.5	5192.5	5511.2	5492.1	5170.6	4899.4	4575.0	4011.0
37.5°	7793.1	8597.2	9531.4	10008.2	9531.4	8597.2	7793.1	7234.1	6765.0	6291.0	5706.6
35°	11185.0	12394.6	12787.0	12797.2	12787.0	12394.6	11185.0	9765.8	8713.9	8006.0	7343.2
32.5°	15537.8	16521.3	17046.4	16903.8	17046.4	16521.3	15537.8	13759.0	11786.6	10495.9	9529.2
30°	20317.5	21173.2	21180.0	20893.8	21180.0	21173.2	20317.5	19083.3	16965.3	14907.2	12934.4
27.5°	27420.7	29228.8	30501.3	30844.3	30501.3	29228.8	27420.7	25396.1	23440.1	20866.6	18037.2
25°	35299.4	37286.4	38508.0	38952.9	38508.0	37286.4	35299.4	32752.0	29924.8	27399.2	24562.5
22.5°	44180.5	46112.3	46993.9	47455.0	46993.9	46112.3	44180.5	41589.5	38805.5	35205.9	31645.9
20°	56594.3	59341.0	60376.4	60818.9	60376.4	59341.0	56594.3	53319.1	49883.2	45148.4	39848.5
17.5°	73789.7	79214.3	82606.1	84348.0	82606.1	79214.3	73789.7	68376.2	63166.2	56595.3	49169.1
15°	92854.8	98361.9	101983.6	104155.2	101983.6	98361.9	92854.8	86502.0	77918.3	68704.6	59620.7
12.5°	109210.4	114119.7	117617.8	119697.3	117617.8	114119.7	109210.4	101563.9	91606.6	80142.6	69761.7
10°	119703.0	123913.2	127542.3	129314.8	127542.3	123913.2	119703.0	112933.5	102268.3	90979.0	78021.3
7.5°	125633.1	130528.6	132495.9	133708.1	132495.9	130528.6	125633.1	119543.4	110821.7	98551.0	85364.1
5°	130229.1	134097.7	135913.7	136800.0	135913.7	134097.7	130229.1	124142.8	116276.3	104997.0	91103.2
2.5°	133297.1	136655.7	137940.0	138655.0	137940.0	136655.7	133297.1	127685.1	120566.9	110020.5	95764.0
0°	134769.5	137245.8	138685.5	137983.6	138685.5	137245.8	134769.5	130069.0	122445.9	112703.1	99229.0
-2.5°	134779.8	137133.5	138203.8	137682.8	138203.8	137133.5	134779.8	131048.6	123527.6	113401.2	99317.0
-5°	133626.8	135383.3	136686.9	136269.2	136686.9	135383.3	133626.8	129924.0	122840.9	112351.8	98742.3
-7.5°	130517.2	132851.7	133806.5	133853.0	133806.5	132851.7	130517.2	126865.2	120331.1	108997.8	94999.2
-10°	126239.4	128827.8	129844.2	129948.0	129844.2	128827.8	126239.4	121921.3	114386.0	103549.8	89404.0
-12.5°	119881.5	122917.9	124380.8	124641.5	124380.8	122917.9	119881.5	114467.5	106619.1	94265.2	82407.2
-15°	110011.7	114104.3	116414.3	117224.9	116414.3	114104.3	110011.7	104084.9	94949.1	84844.0	74003.9
-17.5°	96594.2	101484.0	104364.5	105380.2	104364.5	101484.0	96594.2	89842.7	82746.7	74814.4	66121.7
-20°	82598.5	86223.6	88444.1	89359.2	88444.1	86223.6	82598.5	77059.6	71423.9	64967.4	58656.7



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	69868.1	72790.8	74440.7	75173.5	74440.7	72790.8	69868.1	65592.8	60954.8	56487.3	51429.1
-25°	58826.8	61288.5	62134.6	62611.7	62134.6	61288.5	58826.8	55907.2	52300.6	48792.6	44869.2
-27.5°	49805.4	51758.2	52214.0	52635.1	52214.0	51758.2	49805.4	47726.1	44867.7	41973.7	38701.7
-30°	42203.7	43903.1	44135.4	44601.7	44135.4	43903.1	42203.7	40479.4	38138.2	35502.9	32405.4
-32.5°	35094.7	36607.9	37187.6	37276.7	37187.6	36607.9	35094.7	33336.8	31171.7	28947.2	26780.7
-35°	28287.2	29284.6	29679.1	29703.2	29679.1	29284.6	28287.2	26996.8	25362.3	23637.7	22004.5
-37.5°	22934.9	23570.7	24027.8	23901.9	24027.8	23570.7	22934.9	22059.2	20647.5	19269.9	17766.8
-40°	18396.0	19035.6	19453.4	19351.7	19453.4	19035.6	18396.0	17667.7	16368.0	15047.6	13446.2
-42.5°	13706.7	14410.2	14805.0	14695.8	14805.0	14410.2	13706.7	12968.1	11629.0	10141.3	8639.3
-45°	8500.6	9120.6	9411.5	9234.4	9411.5	9120.6	8500.6	7884.2	6803.0	5511.2	4315.8
-47.5°	4434.7	4575.8	4621.0	4557.8	4621.0	4575.8	4434.7	4303.4	4054.4	3728.1	3451.4
-50°	3595.7	3684.2	3722.3	3711.0	3722.3	3684.2	3595.7	3485.5	3344.4	3166.4	3016.5
-52.5°	3123.0	3163.9	3177.4	3169.3	3177.4	3163.9	3123.0	3065.1	2991.4	2888.7	2803.4
-55°	2908.2	2948.8	2962.8	2957.9	2962.8	2948.8	2908.2	2850.1	2781.4	2683.7	2591.7
-57.5°	2635.7	2685.5	2716.4	2732.3	2716.4	2685.5	2635.7	2570.3	2491.4	2379.3	2261.7
-60°	2218.2	2258.1	2269.6	2263.7	2269.6	2258.1	2218.2	2164.3	2097.4	2005.6	1902.6
-62.5°	1830.2	1863.0	1887.4	1904.0	1887.4	1863.0	1830.2	1786.5	1731.0	1657.6	1572.9
-65°	1483.9	1507.6	1512.5	1508.4	1512.5	1507.6	1483.9	1450.4	1404.8	1347.8	1281.1
-67.5°	1190.4	1208.0	1210.3	1206.5	1210.3	1208.0	1190.4	1165.9	1131.0	1088.0	1036.1
-70°	965.1	979.9	982.0	979.8	982.0	979.9	965.1	945.7	916.8	883.1	843.7
-72.5°	800.5	811.3	819.5	826.1	819.5	811.3	800.5	786.3	761.9	735.6	706.5
-75°	686.2	693.9	695.9	696.4	695.9	693.9	686.2	675.9	655.5	633.8	609.9
-77.5°	596.6	604.4	609.9	614.7	609.9	604.4	596.6	587.4	570.1	552.1	533.5
-80°	529.3	535.3	539.7	543.8	539.7	535.3	529.3	522.4	507.1	491.7	476.8
-82.5°	479.3	485.4	489.2	492.6	489.2	485.4	479.3	472.7	460.0	447.0	434.0
-85°	431.9	436.6	440.2	443.6	440.2	436.6	431.9	426.8	415.2	403.5	392.3
-87.5°	389.9	394.4	396.7	398.9	396.7	394.4	389.9	385.3	375.3	365.2	355.7
-90°	1.7	1.1	1.1	1.1	1.1	1.1	1.7	2.2	2.2	2.2	2.8



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	321.5	315.0	308.4	303.5	298.6	292.6	286.6	277.4	268.1	258.3	248.5
87.5°	4.3	4.3	4.3	4.3	4.4	4.8	5.2	5.3	5.4	6.0	6.5
85°	5.3	5.2	5.2	5.6	5.9	6.0	6.1	6.0	6.0	6.5	7.0
82.5°	5.4	5.4	5.4	6.0	6.5	6.5	6.5	6.7	6.9	7.2	7.7
80°	5.4	5.8	6.1	6.3	6.5	6.7	6.9	7.2	7.6	7.6	7.7
77.5°	5.5	6.1	6.6	6.8	7.0	7.4	7.7	7.6	7.7	8.1	8.3
75°	6.8	6.9	7.2	7.8	8.2	8.4	8.8	9.0	9.0	8.9	9.2
72.5°	11.4	10.9	10.6	10.6	10.4	10.4	10.5	10.7	10.7	10.3	10.0
70°	17.3	17.3	17.5	17.6	17.2	16.7	15.7	14.4	13.4	13.2	12.4
67.5°	23.4	23.3	24.3	26.0	25.6	24.6	22.9	21.2	19.7	18.3	15.8
65°	28.3	28.4	28.3	28.1	28.6	29.5	29.9	28.3	28.5	26.0	20.8
62.5°	27.7	28.8	27.2	26.2	27.6	30.4	35.1	37.5	39.6	37.3	31.2
60°	21.7	23.6	22.9	23.2	25.2	31.5	40.2	47.0	52.7	48.9	41.9
57.5°	14.6	15.1	16.7	19.9	23.3	33.6	45.0	55.5	62.9	58.4	52.3
55°	16.0	17.5	18.0	20.3	22.9	36.6	49.3	60.2	68.0	65.9	59.7
52.5°	35.1	39.6	39.3	34.9	37.6	47.1	54.6	66.9	73.8	73.7	68.5
50°	122.0	126.7	113.4	94.6	96.1	80.1	89.4	91.6	89.2	89.9	82.1
47.5°	333.6	310.3	279.9	256.6	228.5	196.8	196.4	160.2	155.5	125.6	120.2
45°	656.0	588.2	531.9	485.7	437.5	404.4	372.6	353.5	280.0	252.2	181.3
42.5°	1689.2	1172.5	883.5	758.7	653.7	605.2	570.4	546.9	513.8	426.9	357.7
40°	3374.0	2620.6	1934.7	1214.4	918.6	785.5	735.0	679.9	674.2	629.2	538.4
37.5°	5033.4	4257.5	3397.9	2502.3	1665.2	1058.9	938.3	855.7	794.6	778.0	712.6
35°	6571.8	5767.9	4971.6	4019.6	2931.1	2035.4	1234.6	1088.2	970.8	902.0	862.7
32.5°	8294.8	7450.1	6445.4	5514.9	4539.3	3387.1	2340.4	1450.0	1190.7	1071.4	979.2
30°	11046.4	9635.9	8283.9	7090.9	6115.0	5070.2	3756.5	2424.2	1535.2	1246.9	1102.5
27.5°	15376.0	12679.3	10880.1	9304.8	8003.0	6901.6	5574.8	3802.0	2115.8	1521.9	1263.7
25°	21301.8	18272.2	15197.4	12943.0	11054.3	9171.5	7766.4	5621.6	3460.8	1848.8	1443.8
22.5°	28346.2	24600.3	21132.5	17461.4	14610.0	12123.8	9820.4	7461.6	4864.7	2598.3	1749.6
20°	34588.8	30229.7	26301.4	22232.2	18121.7	14555.2	11554.5	9085.3	6375.9	3784.0	2046.7
17.5°	42335.1	36268.2	31400.0	27019.2	22133.2	17693.8	13893.6	10820.2	7787.4	4773.8	2290.3
15°	50893.0	43091.8	36568.6	31026.2	25906.7	20887.0	16449.4	12675.1	9363.3	5820.4	3008.9
12.5°	60086.5	50613.8	41867.7	34954.8	28867.5	23386.0	18187.0	14287.7	10826.7	7078.9	3800.6
10°	66269.6	56479.1	47077.3	39133.9	32053.2	25440.1	19672.4	15283.0	11777.6	8180.6	4575.6
7.5°	72725.5	61138.4	50926.7	42199.5	34827.1	27919.0	21141.6	16052.1	12509.1	9003.2	5177.8
5°	76589.9	64368.1	53746.1	44606.8	36819.0	29911.4	22880.1	16737.0	13113.5	9620.4	5638.1
2.5°	79635.5	66370.7	55280.5	45887.5	38179.7	31106.5	24317.6	17410.7	13438.7	9910.3	5766.0
0°	82286.0	67813.7	56497.6	46868.6	39035.7	31872.0	25049.5	18066.7	13537.2	9982.1	5743.6
-2.5°	82173.7	67337.2	55796.7	46385.9	38660.4	31628.7	25138.7	18910.3	14227.2	10042.8	5752.1
-5°	82257.8	67361.0	55340.1	46056.5	38326.3	31308.1	24878.9	19156.9	14590.5	9960.7	5621.3
-7.5°	80057.1	66163.1	54504.7	45367.0	37750.6	30719.4	24252.3	18846.7	14607.0	9965.3	5408.7
-10°	75724.4	63298.8	52519.8	43902.5	36611.5	29688.7	23334.4	18335.8	14211.6	9569.7	5043.5
-12.5°	70952.5	59876.4	49834.0	41698.1	34805.0	28187.3	22173.5	17605.5	13491.8	8827.6	4686.1
-15°	64671.5	55873.4	47504.2	39460.5	32530.5	26335.9	20840.7	16687.1	12578.5	7864.3	4131.0
-17.5°	58502.4	50962.2	43690.2	36840.6	30088.6	24308.8	19576.0	15477.8	11279.1	6763.9	3402.9
-20°	52483.8	46007.2	39706.1	33341.4	27342.0	22016.5	17986.7	14009.4	9654.5	5685.6	3284.7



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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°	46605.0	41417.7	35809.8	29699.4	24475.6	20032.5	16113.4	12191.7	7798.7	4417.5	3127.5
-25°	40766.7	36461.4	31377.5	26685.9	21923.9	17840.8	14072.7	9941.9	6210.8	3673.0	2917.5
-27.5°	34916.6	30902.6	27252.2	23380.8	19569.5	15544.7	11566.7	7597.8	4446.6	3335.0	2801.1
-30°	29229.3	26156.2	23111.6	20042.4	16773.0	12965.8	8743.5	5574.7	3683.2	3015.1	2650.5
-32.5°	24288.8	21899.0	19382.6	16696.4	13492.5	9973.4	6451.2	4021.6	3245.4	2836.1	2558.3
-35°	20017.8	17850.8	15733.9	12936.2	9679.2	6757.7	4268.2	3474.7	2978.4	2663.3	2475.7
-37.5°	16039.6	13878.6	11444.3	8853.2	6208.9	4254.6	3592.1	3105.7	2752.2	2554.4	2365.4
-40°	11610.2	9383.9	7242.4	5063.3	4102.6	3546.5	3168.6	2851.0	2639.1	2432.9	2246.2
-42.5°	7054.7	5227.1	4178.3	3805.4	3427.0	3150.0	2890.7	2709.8	2514.9	2317.9	2067.6
-45°	4017.6	3700.2	3415.9	3256.4	3050.7	2892.2	2746.7	2565.7	2385.5	2130.4	1864.6
-47.5°	3278.9	3146.9	3022.1	2944.5	2847.6	2729.2	2574.0	2401.7	2155.2	1904.0	1681.1
-50°	2908.4	2860.8	2812.6	2756.9	2659.7	2541.5	2353.2	2134.2	1910.6	1704.7	1498.6
-52.5°	2729.1	2669.4	2609.3	2547.7	2421.4	2254.1	2067.7	1875.4	1681.6	1501.7	1321.1
-55°	2513.0	2419.9	2323.1	2216.9	2099.2	1954.4	1798.6	1626.8	1462.2	1298.0	1160.2
-57.5°	2158.3	2063.1	1981.8	1889.8	1787.8	1669.0	1543.2	1394.9	1255.8	1128.7	1009.0
-60°	1815.8	1727.9	1661.1	1586.3	1503.4	1404.6	1304.6	1190.0	1067.0	965.4	867.6
-62.5°	1500.3	1426.3	1370.4	1314.1	1251.6	1178.5	1091.2	1003.6	905.5	813.0	744.5
-65°	1223.0	1165.7	1118.2	1077.4	1030.9	979.5	906.6	839.9	768.8	698.6	638.5
-67.5°	989.6	946.4	908.5	874.7	846.0	813.7	764.3	710.0	658.1	609.9	569.1
-70°	808.7	779.4	753.2	728.5	707.1	687.5	656.7	619.9	578.6	538.3	504.0
-72.5°	680.3	660.6	642.8	627.9	611.3	595.1	571.6	540.9	507.9	473.7	445.1
-75°	587.9	572.2	557.0	544.1	529.7	514.6	497.8	475.6	452.6	428.9	406.7
-77.5°	515.8	502.9	490.2	480.8	471.2	461.2	448.2	429.2	411.4	393.0	375.5
-80°	462.3	451.2	440.4	434.0	426.9	418.4	408.4	393.7	378.9	363.0	347.5
-82.5°	421.0	411.1	401.4	395.2	388.5	380.3	371.5	359.1	346.5	332.7	319.1
-85°	381.0	373.2	365.4	359.1	352.7	345.1	337.0	326.2	315.3	302.9	290.4
-87.5°	346.1	339.1	332.1	327.2	322.2	314.6	307.1	297.6	288.1	277.1	266.2
-90°	3.3	3.3	3.3	3.9	4.4	4.4	4.4	4.9	5.4	6.0	6.5



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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°	239.3	230.0	221.3	212.5	205.5	198.4	190.8	183.1	170.6	158.0	140.6
87.5°	6.9	7.2	7.7	8.2	8.2	8.2	8.7	9.2	9.3	9.5	9.9
85°	7.5	7.9	8.3	8.7	8.8	8.7	9.2	9.6	10.0	10.2	10.6
82.5°	8.2	8.6	8.6	8.8	9.4	9.8	9.9	10.1	10.6	11.0	11.3
80°	8.2	8.8	9.0	9.2	10.0	10.9	10.6	10.7	11.3	11.8	11.9
77.5°	8.7	9.0	9.4	9.8	10.4	11.0	11.1	11.2	12.0	12.5	12.6
75°	9.5	9.7	9.7	10.1	10.7	11.1	11.4	11.8	12.6	13.3	13.3
72.5°	10.3	10.3	10.0	10.3	11.2	11.8	12.1	12.4	13.1	13.8	14.0
70°	11.6	11.1	10.7	11.1	11.9	12.6	13.0	13.4	13.7	14.4	14.8
67.5°	13.1	12.4	11.8	12.0	12.6	13.6	14.1	14.6	14.9	15.1	15.7
65°	18.0	15.8	13.1	13.7	13.9	14.9	15.6	16.2	16.2	16.6	16.6
62.5°	25.3	21.3	19.0	16.7	16.4	17.8	17.5	18.8	17.9	18.2	18.0
60°	34.6	28.4	25.6	23.1	21.6	21.6	22.3	21.9	21.6	19.9	19.7
57.5°	43.2	35.1	34.2	30.9	29.9	28.3	28.5	27.9	26.2	24.5	21.5
55°	51.1	44.1	44.2	41.8	40.8	37.6	37.3	35.9	32.5	30.4	23.9
52.5°	59.2	56.7	55.9	56.7	55.9	50.1	49.6	44.9	42.3	37.0	30.0
50°	71.9	74.3	71.7	75.9	73.5	69.9	62.9	58.0	52.7	44.9	36.7
47.5°	104.3	106.1	98.0	101.2	97.4	92.2	82.8	72.7	63.8	55.1	43.5
45°	181.2	155.9	146.1	136.7	128.3	121.3	106.4	88.2	77.9	65.5	50.4
42.5°	286.8	252.2	224.9	177.9	174.5	155.2	132.8	111.6	92.7	76.2	58.9
40°	452.3	387.9	328.4	276.3	231.9	192.7	167.8	137.7	108.0	88.1	68.5
37.5°	628.4	546.8	468.7	388.5	308.1	253.4	206.6	165.2	126.3	102.0	78.3
35°	785.1	712.6	604.6	511.4	419.1	316.9	248.3	197.0	151.1	116.2	88.3
32.5°	919.8	850.3	732.8	629.2	509.1	382.1	300.8	233.1	176.5	130.8	98.7
30°	1028.0	948.8	850.3	722.7	584.1	455.6	355.5	268.6	202.2	145.7	109.7
27.5°	1133.5	1043.9	954.0	808.4	653.9	518.8	401.2	303.4	228.2	162.3	121.8
25°	1259.9	1143.2	1044.2	901.7	722.2	569.8	442.1	337.5	256.1	181.6	133.3
22.5°	1417.6	1240.8	1135.8	999.8	800.4	620.1	482.1	373.5	280.2	199.8	144.4
20°	1555.3	1327.3	1223.4	1090.9	885.1	684.3	523.3	403.6	303.0	216.9	154.9
17.5°	1700.6	1418.0	1279.6	1155.7	967.7	749.1	566.5	432.1	324.4	232.9	164.9
15°	1895.7	1515.9	1331.1	1211.5	1038.3	811.3	608.8	459.1	344.4	247.6	174.6
12.5°	2056.0	1607.0	1381.9	1255.4	1093.0	867.8	649.2	484.4	362.7	262.4	184.1
10°	2210.3	1704.4	1437.1	1296.8	1139.1	918.4	687.4	511.1	384.4	277.2	193.1
7.5°	2380.3	1796.1	1490.3	1336.3	1177.9	960.5	726.5	543.1	405.4	290.8	201.4
5°	2517.7	1877.5	1545.2	1380.6	1215.4	992.9	762.0	573.2	424.8	303.2	209.1
2.5°	2557.3	1945.6	1598.7	1422.3	1247.2	1018.4	793.0	600.8	442.3	314.2	216.1
0°	2567.7	2001.0	1646.8	1459.3	1273.0	1037.6	819.6	625.6	457.7	323.7	222.3
-2.5°	2622.1	2045.7	1689.9	1512.5	1319.1	1062.4	834.7	638.4	470.7	334.8	231.4
-5°	2652.3	2077.1	1728.1	1559.6	1356.8	1081.0	845.2	647.8	481.2	344.2	239.6
-7.5°	2669.4	2099.9	1762.7	1598.8	1384.7	1092.8	851.2	653.9	489.2	351.8	246.9
-10°	2661.1	2110.8	1792.4	1620.9	1397.7	1103.9	854.3	656.9	494.5	357.7	253.2
-12.5°	2673.3	2113.4	1816.2	1637.2	1402.4	1114.2	864.6	661.5	497.3	361.6	258.5
-15°	2673.7	2139.2	1854.5	1650.7	1399.8	1116.9	868.6	663.9	498.2	363.8	262.8
-17.5°	2613.0	2141.3	1889.9	1670.1	1391.8	1111.8	865.9	661.1	496.0	364.4	266.6
-20°	2595.2	2159.0	1910.2	1679.7	1374.4	1100.3	856.5	652.9	490.9	363.0	269.7



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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°	2570.9	2197.9	1933.3	1658.5	1349.5	1082.4	842.8	639.8	482.8	359.8	271.8
-25°	2495.5	2222.7	1944.0	1634.1	1322.8	1062.6	826.4	628.4	471.7	354.7	273.0
-27.5°	2451.1	2210.8	1937.5	1593.6	1294.3	1034.6	809.3	620.0	464.1	347.7	273.2
-30°	2424.1	2174.4	1880.1	1541.1	1252.4	1000.9	787.7	606.9	458.1	344.7	272.4
-32.5°	2361.6	2130.6	1793.6	1481.3	1205.7	961.5	761.2	588.8	448.9	344.4	271.8
-35°	2267.5	2020.8	1691.0	1405.9	1153.8	926.6	731.3	565.7	436.6	342.5	270.7
-37.5°	2157.9	1866.8	1597.5	1326.0	1087.0	883.5	700.8	544.6	421.0	338.8	269.1
-40°	1986.2	1716.2	1471.9	1241.7	1020.7	830.1	665.1	524.4	411.7	333.4	266.3
-42.5°	1807.2	1567.6	1347.9	1141.3	949.7	779.3	626.2	500.6	403.9	328.2	262.4
-45°	1636.5	1418.0	1222.5	1044.6	874.0	724.5	594.7	475.7	393.9	322.3	258.6
-47.5°	1465.1	1278.4	1104.0	943.0	807.7	669.9	556.7	461.7	381.8	315.2	255.5
-50°	1308.4	1142.0	988.7	852.1	730.1	624.1	520.3	445.2	371.0	306.0	251.6
-52.5°	1159.6	1012.1	880.8	761.4	665.2	574.8	495.4	425.3	358.1	298.2	246.7
-55°	1019.1	891.1	777.1	683.3	601.7	536.8	468.1	405.3	343.3	290.6	241.4
-57.5°	891.6	775.3	691.5	613.2	550.6	498.4	441.4	383.6	331.6	281.9	238.6
-60°	769.5	688.5	614.4	557.3	506.7	461.1	414.4	362.7	320.1	273.2	234.8
-62.5°	672.9	606.8	556.7	508.2	464.6	425.4	387.4	346.1	306.8	267.6	230.2
-65°	593.7	547.6	501.8	462.7	424.3	391.9	365.7	328.5	296.4	261.2	224.8
-67.5°	529.0	490.9	453.1	417.7	390.8	367.0	342.4	314.8	286.6	254.2	218.4
-70°	470.7	436.7	409.4	386.2	363.9	342.8	325.4	302.4	276.1	245.6	211.4
-72.5°	422.7	400.3	377.6	356.7	341.1	325.3	309.3	289.3	264.3	236.4	203.8
-75°	386.5	368.9	351.9	336.2	322.0	307.5	292.9	275.5	252.0	226.5	194.9
-77.5°	360.1	344.7	329.7	315.3	302.2	289.1	276.1	261.2	238.7	214.7	185.2
-80°	333.7	319.9	306.7	293.6	282.0	270.2	258.1	244.5	223.6	202.3	175.0
-82.5°	307.0	294.8	282.8	270.8	260.0	249.0	238.2	226.6	208.0	189.3	165.4
-85°	279.5	268.6	257.8	246.8	237.3	227.5	219.2	210.3	194.7	179.1	157.5
-87.5°	256.8	247.4	238.1	228.7	220.9	213.0	205.0	196.8	182.8	168.7	149.2
-90°	6.5	6.5	7.1	7.6	7.6	7.6	8.2	8.7	8.7	8.7	9.3



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	123.2	101.9	80.7	57.8	34.9	23.4	12.0
87.5°	10.4	10.3	10.2	10.2	10.1	11.1	12.0
85°	10.9	10.8	10.6	10.5	10.4	11.4	12.0
82.5°	11.5	11.2	11.0	10.9	10.7	11.6	12.0
80°	12.1	11.7	11.3	11.2	11.0	11.9	12.0
77.5°	12.7	12.2	11.7	11.6	11.3	12.1	12.0
75°	13.3	13.0	12.2	12.0	11.7	12.4	12.0
72.5°	13.9	13.7	13.0	12.3	12.0	12.6	12.0
70°	14.7	14.5	13.7	12.8	12.4	12.9	12.0
67.5°	15.6	15.3	14.5	13.4	12.7	13.1	12.0
65°	16.6	16.1	15.3	14.0	13.1	13.4	12.0
62.5°	17.6	17.0	16.1	14.7	13.5	13.7	12.0
60°	18.6	18.0	16.8	15.3	14.0	13.9	12.0
57.5°	20.7	18.9	17.9	15.9	14.7	14.2	12.0
55°	23.1	19.9	19.1	16.5	15.4	14.4	12.0
52.5°	25.7	21.1	20.4	17.2	16.2	14.7	12.0
50°	28.5	24.1	21.8	17.8	17.0	15.0	12.0
47.5°	32.0	27.3	23.2	18.5	17.9	15.3	12.0
45°	38.0	30.7	24.8	19.7	18.8	15.5	12.0
42.5°	44.0	34.2	26.4	20.9	19.8	15.8	12.0
40°	50.4	37.8	28.7	22.8	20.8	16.1	12.0
37.5°	57.4	41.6	31.6	24.9	21.8	16.3	12.0
35°	64.3	46.6	34.5	27.2	22.9	16.6	12.0
32.5°	71.9	52.2	37.5	29.5	24.0	16.8	12.0
30°	80.7	57.7	40.4	31.8	25.1	17.1	12.0
27.5°	89.3	63.1	44.4	34.1	26.2	17.4	12.0
25°	97.6	68.5	48.4	36.5	27.4	17.6	12.0
22.5°	105.8	74.0	52.4	38.9	28.5	17.8	12.0
20°	113.6	79.9	56.3	41.3	29.7	18.1	12.0
17.5°	121.5	85.6	60.1	43.7	30.8	18.3	12.0
15°	129.0	91.0	63.7	46.0	32.0	18.5	12.0
12.5°	136.2	96.2	67.3	48.3	33.1	18.7	12.0
10°	142.9	101.1	70.7	50.6	34.2	18.9	12.0
7.5°	149.1	105.7	74.0	52.8	35.2	19.1	12.0
5°	154.8	110.0	77.1	54.9	36.3	19.3	12.0
2.5°	159.9	114.0	80.0	57.0	37.2	19.5	12.0
0°	164.6	117.7	82.8	58.9	38.1	19.6	12.0
-2.5°	171.6	123.1	86.6	61.5	39.7	20.4	12.0
-5°	178.1	128.1	90.3	64.0	41.3	21.1	12.0
-7.5°	183.9	132.7	93.7	66.3	42.8	21.8	12.0
-10°	189.0	136.9	96.9	68.5	44.2	22.5	12.0
-12.5°	193.5	140.7	99.9	70.5	45.5	23.2	12.0
-15°	197.3	144.0	102.6	72.4	46.7	23.8	12.0
-17.5°	200.4	146.8	105.0	74.1	47.8	24.4	12.0
-20°	203.1	149.0	107.1	75.7	48.8	25.0	12.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	205.9	150.8	108.9	77.1	49.7	25.5	12.0
-25°	207.9	152.9	110.4	78.3	50.5	26.0	12.0
-27.5°	209.1	154.9	111.7	79.4	51.2	26.5	12.0
-30°	209.5	156.5	112.7	80.2	51.8	26.9	12.0
-32.5°	209.1	157.4	114.6	80.9	52.3	27.3	12.0
-35°	209.2	157.9	116.2	81.4	52.7	27.6	12.0
-37.5°	209.2	158.5	117.4	81.7	52.9	27.9	12.0
-40°	208.5	159.6	118.4	81.8	53.0	28.1	12.0
-42.5°	207.3	160.4	119.2	82.0	53.0	28.3	12.0
-45°	205.6	160.8	119.9	82.5	52.9	28.5	12.0
-47.5°	203.0	160.8	120.1	82.7	52.7	28.6	12.0
-50°	202.1	160.4	119.9	82.7	52.3	28.6	12.0
-52.5°	201.0	159.6	119.4	82.6	51.9	28.6	12.0
-55°	199.3	158.2	118.4	82.2	51.3	28.6	12.0
-57.5°	197.1	156.3	117.1	81.6	50.6	28.5	12.0
-60°	194.4	153.9	115.4	80.7	49.8	28.3	12.0
-62.5°	190.7	151.1	113.8	79.7	49.2	28.1	12.0
-65°	186.6	147.8	111.8	78.4	48.4	27.9	12.0
-67.5°	181.9	144.3	109.6	76.9	47.5	27.6	12.0
-70°	176.7	140.4	107.0	75.2	46.4	27.3	12.0
-72.5°	170.5	136.0	104.1	73.5	45.3	26.9	12.0
-75°	163.6	131.2	101.0	71.8	44.0	26.5	12.0
-77.5°	156.2	126.0	98.1	69.8	42.7	26.1	12.0
-80°	148.4	121.3	95.0	67.7	41.3	25.6	12.0
-82.5°	142.3	116.9	91.7	65.5	39.8	25.1	12.0
-85°	136.2	112.1	88.3	63.1	38.2	24.6	12.0
-87.5°	129.8	107.1	84.6	60.5	36.6	24.0	12.0
-90°	9.8	9.8	9.8	9.8	9.8	10.9	12.0

(END OF REPORT)