

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: P1306172 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-80-4S-VHE-A**

Issue Date: 2/3/2026

**Test Information**

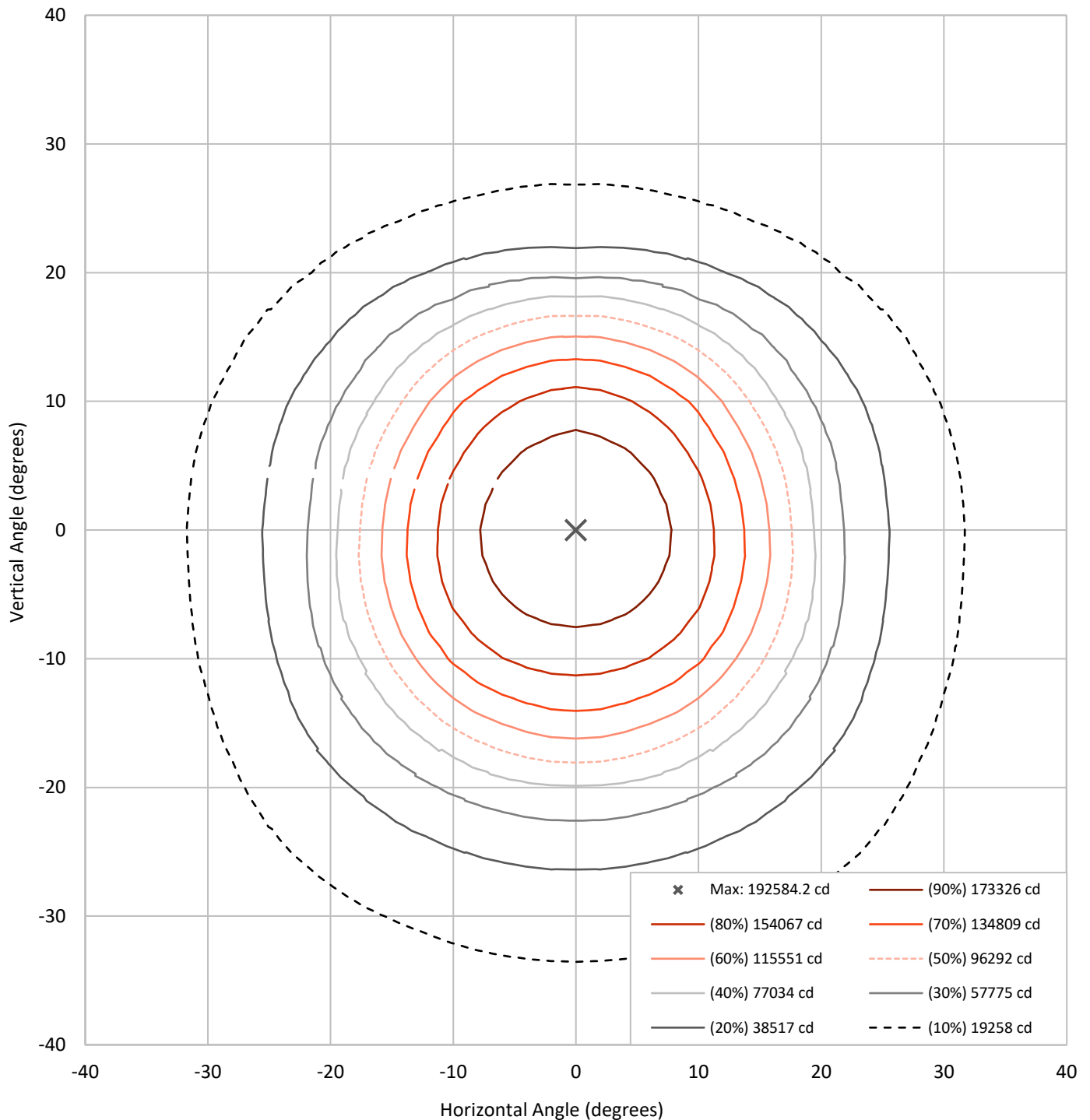
Test Method: LM-79-08  
Report Number: P1306172 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-4)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-40-80-4S-VHE-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 4000K, 80 CRI LEDS AND 4S BEAM SHAPE WITH ANODIZED CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	79887.8 lumens	Max Intensity:	192584.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	35.2°H x 34.7°V	Field Angle (10%):	63.4°H x 60.3°V
Beam Lumens:	42878.2 lumens	Field Lumens:	69775.6 lumens
Beam Efficiency:	53.7%	Field Efficiency:	87.3%
Input Watts (W):	554		
Input Voltage (V):	NR		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		

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### Iso-Candela Plot





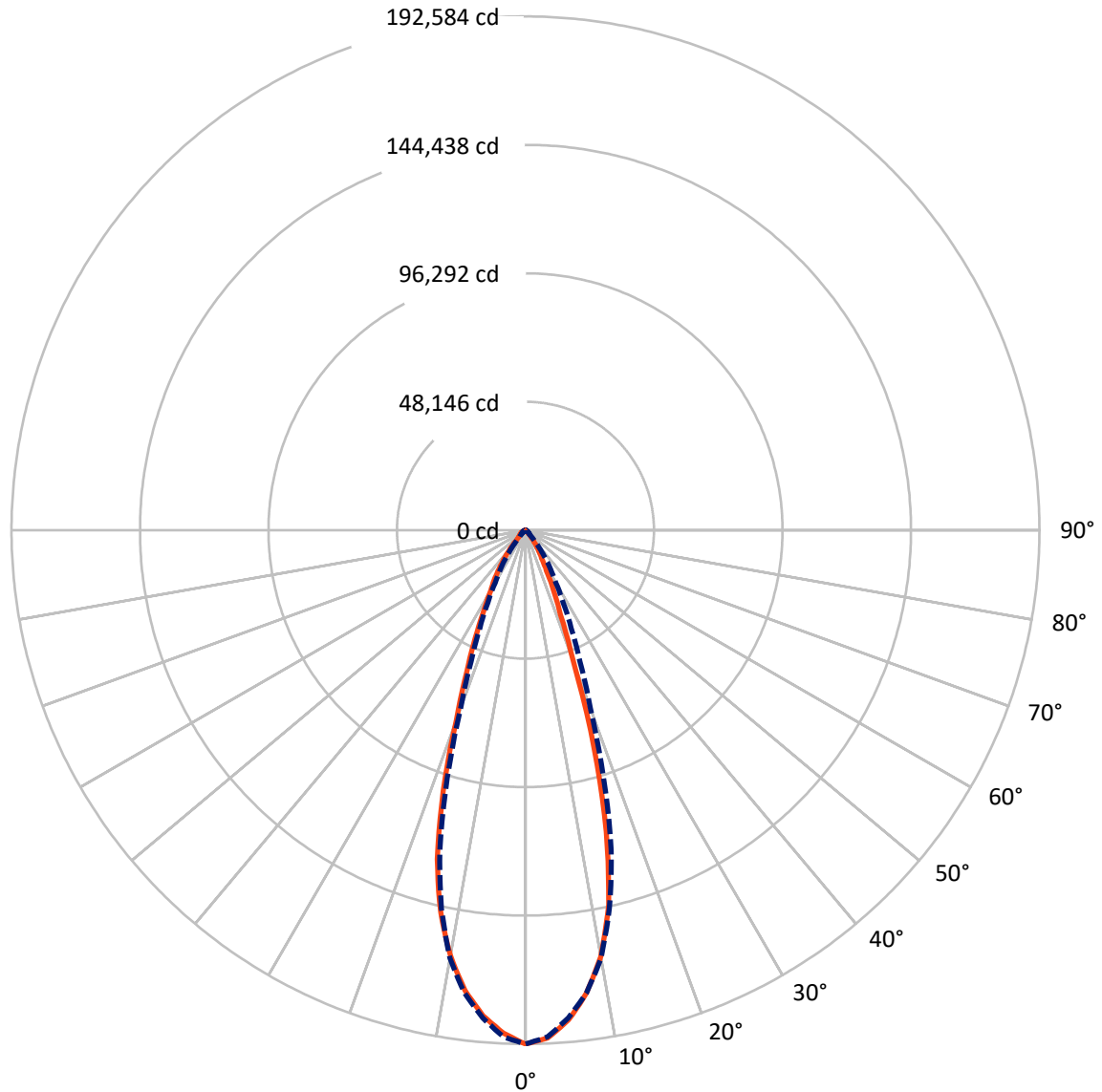
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### Lumen Table

90	0.2	0.9		1.5		2.1		2.3		2.1		1.5		0.9		0.2			
80	0.2	0.9		1.5		2.1		2.3		2.1		1.5		0.9		0.2			
70	0.3	0.1	0.2	0.5	0.7	0.6	0.6	0.7	0.7	0.6	0.6	0.7	0.5	0.2	0.1	0.3			
60		0.4	0.7	1.1	1.1	0.8	1.0	1.1	1.1	1.0	0.8	1.1	1.1	0.7	0.4				
50	0.8	1.0	2.2	4.6	8.3	13.3	19.4	25.0	25.0	19.4	13.3	8.3	4.6	2.2	1.0	0.8			
40		2.4	7.6	14.5	23.9	55.2	123.3	199.8	199.8	123.3	55.2	23.9	14.5	7.6	2.4				
30	1.7	4.2	12.7	24.6	77.1	237.2	517.5	784.8	784.8	517.5	237.2	77.1	24.6	12.7	4.2	1.7			
20		5.7	16.6	39.3	200.7	665.5	1778.1	3159.7	3159.7	1778.1	665.5	200.7	39.3	16.6	5.7				
10	2.6	7.0	19.5	54.5	314.1	1092.3	3233.0	5177.0	5177.0	3233.0	1092.3	314.1	54.5	19.5	7.0	2.6			
0		7.8	21.7	60.9	336.7	1147.2	3389.3	5218.0	5218.0	3389.3	1147.2	336.7	60.9	21.7	7.8				
-10	3.0	8.0	22.9	56.1	268.7	847.5	2133.5	3505.2	3505.2	2133.5	847.5	268.7	56.1	22.9	8.0	3.0			
-20		7.5	22.8	48.1	147.8	470.7	924.1	1334.4	1334.4	924.1	470.7	147.8	48.1	22.8	7.5				
-30	2.8	6.4	20.5	40.3	71.0	174.7	351.9	486.4	486.4	351.9	174.7	71.0	40.3	20.5	6.4	2.8			
-40		5.0	15.4	32.2	50.8	70.5	96.1	123.1	123.1	96.1	70.5	50.8	32.2	15.4	5.0				
-50	2.4	3.7	9.6	20.9	36.1	48.7	58.8	66.0	66.0	58.8	48.7	36.1	20.9	9.6	3.7	2.4			
-60		2.8	5.6	10.6	18.1	25.7	32.7	37.3	37.3	32.7	25.7	18.1	10.6	5.6	2.8				
-70	1.7	10.1	22.8		36.9		45.3		36.9		22.8		10.1		1.7				
-80		10.1	22.8		36.9		45.3		36.9		22.8		10.1						
-90	1.7	10.1		22.8		36.9		45.3		36.9		22.8		10.1		1.7			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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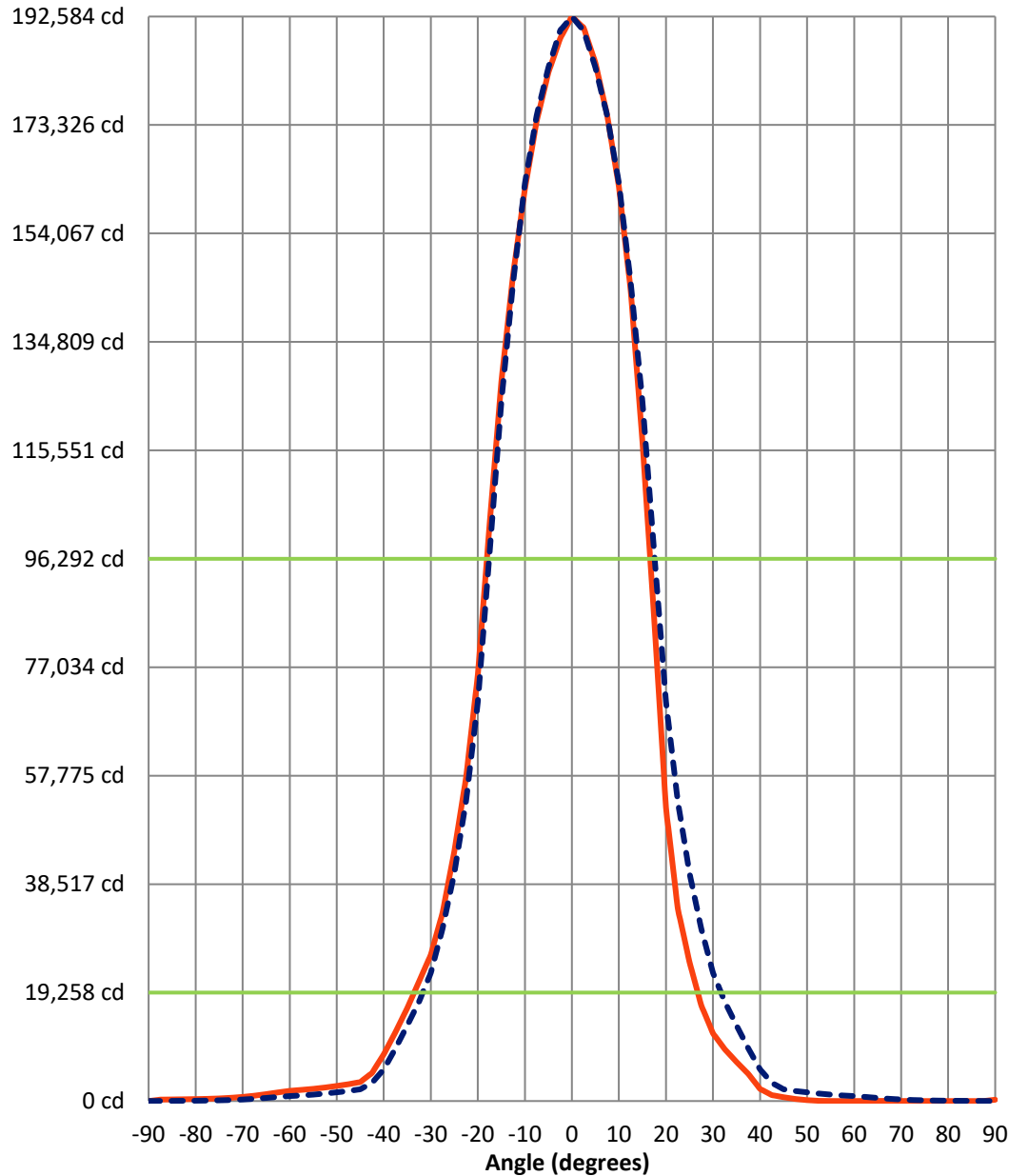
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 35.2°  
 V Angle: 34.7°  
 Lumens: 42878.2  
 Efficiency: 53.7%

**Field:**  
 H Angle: 63.4°  
 V Angle: 60.3°  
 Lumens: 69775.6  
 Efficiency: 87.3%

**Spill:**  
 Lumens: 10112.2  
 Efficiency: 12.7%

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

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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.6	16.2	23.8	39.0	54.3	68.1	81.9	92.9	103.8	111.0	118.1
87.5°	8.6	7.8	6.9	6.9	7.0	7.0	6.9	6.5	6.0	6.1	6.1
85°	8.6	8.0	7.0	7.2	7.4	7.3	7.2	6.8	6.4	6.5	6.5
82.5°	8.6	8.2	7.2	7.4	7.7	7.6	7.4	7.1	6.8	6.9	6.9
80°	8.6	8.3	7.4	7.7	8.0	7.9	7.7	7.6	7.4	7.5	7.4
77.5°	8.6	8.5	7.6	7.9	8.3	8.3	8.2	8.2	8.1	8.0	7.7
75°	8.6	8.7	7.8	8.2	8.7	8.7	8.7	8.7	8.7	8.4	7.8
72.5°	8.6	8.9	8.0	8.4	9.0	9.1	9.2	9.3	9.1	8.7	8.0
70°	8.6	9.0	8.3	8.7	9.4	9.6	9.7	9.8	9.6	9.0	8.7
67.5°	8.6	9.2	8.5	9.0	9.7	10.0	10.4	10.3	10.1	9.8	9.6
65°	8.6	9.4	8.8	9.4	10.1	10.6	11.1	10.9	11.2	10.7	10.8
62.5°	8.6	9.6	9.1	9.8	10.5	11.5	11.9	12.2	12.5	11.9	12.9
60°	8.6	9.8	9.4	10.2	11.0	12.4	12.8	13.8	14.0	15.0	15.4
57.5°	8.6	10.0	9.9	10.6	12.0	13.3	14.6	15.6	17.5	18.7	20.8
55°	8.6	10.2	10.4	11.0	13.0	14.3	16.6	17.7	21.7	23.7	27.9
52.5°	8.6	10.4	11.0	11.4	14.1	15.5	18.7	21.9	26.2	31.9	35.6
50°	8.6	10.6	11.6	11.8	15.3	17.7	20.9	26.6	32.1	40.8	46.2
47.5°	8.6	10.8	12.3	12.4	16.5	19.9	23.5	31.4	40.9	50.3	58.1
45°	8.6	11.0	13.0	13.4	17.7	22.3	27.9	36.4	50.1	61.9	70.8
42.5°	8.6	11.2	13.7	14.3	19.0	24.8	32.3	43.5	59.8	74.1	91.3
40°	8.6	11.4	14.4	15.7	20.7	27.3	36.9	52.1	70.4	87.0	114.9
37.5°	8.6	11.6	15.2	17.4	22.7	30.0	41.8	61.0	82.6	103.7	140.6
35°	8.6	11.8	16.0	19.1	24.8	33.5	46.7	69.9	95.3	127.5	171.8
32.5°	8.6	12.0	16.8	20.8	26.8	37.4	52.3	78.9	108.6	151.9	207.3
30°	8.6	12.2	17.7	22.5	28.9	41.2	59.6	88.1	122.2	176.7	241.2
27.5°	8.6	12.4	18.6	24.3	31.6	45.0	66.7	98.1	137.2	201.9	273.3
25°	8.6	12.6	19.4	26.0	34.5	48.7	73.5	107.7	154.4	228.1	303.8
22.5°	8.6	12.8	20.3	27.7	37.2	52.5	80.2	116.8	170.6	248.5	335.0
20°	8.6	13.0	21.2	29.4	39.9	56.8	86.5	125.4	185.6	267.5	360.2
17.5°	8.6	13.2	22.1	31.1	42.5	61.1	93.1	133.5	199.4	285.1	383.8
15°	8.6	13.4	22.9	32.8	45.0	65.1	99.6	141.5	211.9	301.3	406.0
12.5°	8.6	13.6	23.8	34.5	47.5	69.1	105.7	149.7	224.6	315.9	426.6
10°	8.6	13.7	24.6	36.1	49.8	72.8	111.4	157.4	237.0	334.8	449.3
7.5°	8.6	13.9	25.4	37.6	52.0	76.4	116.6	164.5	248.3	353.4	478.3
5°	8.6	14.0	26.2	39.1	54.2	79.7	121.4	171.0	258.4	370.7	505.7
2.5°	8.6	14.2	26.9	40.5	56.2	82.8	125.8	176.8	267.1	386.4	530.9
0°	8.6	14.3	27.6	41.9	58.1	85.7	129.6	182.0	274.4	400.1	553.5
-2.5°	8.6	14.8	28.7	43.7	60.8	89.2	134.1	188.2	284.0	411.4	564.8
-5°	8.6	15.3	29.7	45.4	63.4	92.3	138.0	193.7	292.1	420.4	573.1
-7.5°	8.6	15.8	30.6	47.0	65.8	95.2	141.3	198.3	298.3	427.0	578.3
-10°	8.6	16.3	31.5	48.4	68.1	97.8	144.1	202.1	302.7	431.1	580.6
-12.5°	8.6	16.7	32.3	49.8	70.2	100.1	146.3	204.9	305.0	432.7	583.1
-15°	8.6	17.1	33.1	51.1	72.1	102.1	147.9	206.7	304.6	430.7	583.0
-17.5°	8.6	17.6	33.8	52.2	73.8	103.8	148.8	207.9	301.6	426.0	578.1
-20°	8.6	17.9	34.5	53.3	75.2	105.1	149.6	208.5	296.8	418.3	568.1



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 CATALOG NUMBER: EPH-08-530N-40-80-4S-VHE-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.6	18.3	35.0	54.2	76.5	106.1	150.3	208.1	290.2	407.6	553.3
-25°	8.6	18.6	35.5	54.9	77.6	107.4	150.3	206.9	281.8	393.9	537.8
-27.5°	8.6	18.9	36.0	55.6	78.4	108.5	149.7	204.8	271.6	382.1	524.6
-30°	8.6	19.2	36.3	56.1	79.0	109.3	148.4	201.8	265.5	371.2	507.3
-32.5°	8.6	19.4	36.6	56.4	80.1	109.6	146.4	199.1	261.9	357.5	485.6
-35°	8.6	19.7	36.8	56.6	80.9	109.6	145.6	196.1	256.9	340.8	459.5
-37.5°	8.6	19.8	37.0	56.7	81.5	109.6	145.2	192.2	250.4	321.3	434.6
-40°	8.6	20.0	37.0	56.6	81.9	110.1	144.3	187.1	242.5	308.8	410.2
-42.5°	8.6	20.1	37.0	56.6	82.2	110.3	142.7	181.0	234.8	298.5	382.9
-45°	8.6	20.2	36.9	56.7	82.3	110.2	140.6	175.9	226.6	286.2	355.2
-47.5°	8.6	20.2	36.8	56.7	82.2	109.8	138.0	172.8	217.0	272.1	339.0
-50°	8.6	20.2	36.6	56.7	81.9	109.1	136.6	169.1	206.2	259.5	320.6
-52.5°	8.6	20.2	36.3	56.6	81.4	108.1	135.1	164.9	199.0	245.3	299.3
-55°	8.6	20.1	35.9	56.3	80.6	106.8	133.3	160.5	193.0	229.6	279.0
-57.5°	8.6	20.0	35.4	55.9	79.5	105.2	131.2	157.9	186.3	219.6	257.3
-60°	8.6	19.9	34.9	55.4	78.3	103.3	128.7	154.6	179.5	210.7	237.8
-62.5°	8.6	19.7	34.4	54.7	77.2	101.0	125.8	150.8	174.7	200.5	225.5
-65°	8.6	19.5	33.8	53.9	75.9	98.6	122.6	146.5	169.4	192.2	212.7
-67.5°	8.6	19.3	33.1	52.9	74.4	96.0	119.0	141.7	163.6	184.4	202.5
-70°	8.6	19.1	32.3	51.8	72.8	93.4	115.1	136.5	157.5	176.3	193.3
-72.5°	8.6	18.8	31.5	50.6	70.9	90.6	111.1	131.0	151.0	168.1	183.8
-75°	8.6	18.5	30.5	49.2	68.9	87.5	106.9	125.4	144.1	159.5	174.0
-77.5°	8.6	18.2	29.5	47.8	66.8	84.1	102.4	119.5	137.0	150.7	163.8
-80°	8.6	17.8	28.5	46.3	64.5	81.0	97.6	113.4	129.5	141.8	153.7
-82.5°	8.6	17.4	27.4	44.6	62.2	78.0	93.8	107.6	121.7	132.7	143.4
-85°	8.6	17.0	26.2	42.9	59.7	74.8	90.0	102.9	115.8	124.9	134.0
-87.5°	8.6	16.6	25.0	41.0	57.1	71.5	86.0	97.9	109.9	118.0	126.1
-90°	8.6	7.7	6.7	6.7	6.7	6.7	6.7	6.2	5.7	5.7	5.7



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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°	123.4	128.6	133.4	138.1	143.9	149.6	155.3	161.0	167.2	173.4	179.6
87.5°	5.7	5.3	5.3	5.3	4.9	4.4	4.1	3.8	3.8	3.8	3.7
85°	6.1	5.7	5.7	5.7	5.4	5.1	4.7	4.2	4.3	4.3	4.1
82.5°	6.6	6.2	6.0	5.7	5.6	5.6	5.3	4.9	4.9	4.8	4.5
80°	7.1	6.8	6.3	6.0	5.9	5.7	5.6	5.6	5.3	4.9	4.9
77.5°	7.3	6.8	6.6	6.6	6.3	5.8	5.7	5.7	5.6	5.6	5.3
75°	7.3	6.9	6.8	6.8	6.4	5.9	5.7	5.9	6.0	5.8	5.6
72.5°	7.7	7.4	7.2	6.9	6.7	6.4	6.4	6.6	7.2	7.6	8.1
70°	8.5	8.1	7.8	7.6	7.3	7.3	8.1	9.7	11.2	11.9	13.5
67.5°	9.4	9.1	8.9	8.6	8.7	9.5	10.6	14.1	17.1	19.3	21.5
65°	10.4	10.2	10.2	10.4	10.5	13.4	16.5	20.0	25.4	28.4	28.5
62.5°	11.6	13.1	12.5	13.3	16.1	19.1	23.9	30.2	36.9	39.7	37.9
60°	16.5	17.2	17.6	19.7	22.4	25.7	32.4	40.0	47.8	52.6	45.5
57.5°	22.7	23.7	25.5	26.8	29.7	31.7	39.5	48.7	53.8	56.9	48.8
55°	30.5	31.9	34.6	35.2	37.7	38.5	45.1	51.4	55.7	56.6	48.0
52.5°	40.4	42.0	45.9	46.5	46.6	47.4	48.3	55.3	58.7	57.7	49.9
50°	51.0	56.9	59.0	61.1	58.3	59.4	56.3	64.4	71.2	69.5	71.8
47.5°	66.8	74.2	77.1	81.0	79.0	85.5	83.1	98.5	103.9	134.7	141.6
45°	85.6	98.7	102.7	111.8	121.0	128.6	153.4	155.4	220.4	247.5	298.6
42.5°	108.4	128.8	145.5	148.8	193.1	216.6	251.1	307.9	364.9	417.1	451.8
40°	142.1	163.3	198.9	240.4	287.4	338.1	384.1	450.0	505.2	546.2	570.7
37.5°	180.6	220.9	269.4	344.3	407.7	459.4	511.7	568.6	620.6	656.6	703.6
35°	222.7	281.4	371.4	449.4	517.5	566.1	617.2	677.5	726.6	784.8	842.8
32.5°	273.8	343.3	456.1	540.3	595.7	653.3	712.1	775.7	845.9	917.6	991.9
30°	324.5	412.9	523.2	610.7	664.3	731.4	803.0	877.4	969.6	1059.9	1160.2
27.5°	364.3	472.7	577.6	668.1	730.5	809.9	897.3	994.4	1103.9	1214.4	1347.7
25°	399.8	517.2	632.5	728.3	807.6	895.7	998.3	1114.9	1245.2	1400.5	1819.7
22.5°	434.5	560.4	693.0	792.8	882.0	981.5	1105.2	1241.3	1394.7	1601.1	2342.5
20°	470.1	609.5	750.9	846.5	949.8	1061.4	1206.4	1364.3	1554.4	2042.1	3135.7
17.5°	506.7	660.1	800.3	893.6	1002.5	1138.5	1307.0	1485.2	1717.0	2455.1	4129.0
15°	542.4	707.8	839.8	935.3	1055.3	1213.6	1401.9	1620.1	2004.7	3031.3	5124.2
12.5°	576.5	750.6	869.2	971.1	1107.5	1284.4	1489.8	1734.8	2342.9	3809.0	6209.8
10°	608.6	788.6	894.8	1005.4	1158.5	1350.9	1568.6	1835.7	2638.1	4430.5	7069.3
7.5°	643.4	821.1	917.9	1037.9	1205.4	1411.8	1633.5	1913.4	2858.1	4907.0	7707.7
5°	674.9	847.6	944.7	1075.9	1252.1	1466.7	1689.1	1978.4	3008.2	5209.1	8150.8
2.5°	702.5	868.7	969.5	1112.0	1296.0	1514.8	1739.5	2043.5	3142.1	5464.4	8711.4
0°	<b>726.0</b>	<b>885.1</b>	<b>991.8</b>	<b>1144.2</b>	<b>1333.8</b>	<b>1554.9</b>	<b>1780.7</b>	<b>2096.0</b>	<b>3231.7</b>	<b>5636.4</b>	<b>9361.5</b>
-2.5°	740.4	909.6	1029.0	1178.0	1365.1	1583.3	1817.9	2152.0	3322.4	6008.1	9609.2
-5°	750.7	929.5	1062.3	1207.6	1390.4	1604.0	1845.1	2191.7	3361.4	6110.3	9537.1
-7.5°	756.7	943.9	1090.9	1233.5	1413.0	1628.1	1888.1	2244.8	3379.1	5858.3	9128.4
-10°	759.9	956.0	1109.6	1254.9	1433.9	1650.2	1921.6	2279.1	3306.5	5518.3	8658.1
-12.5°	768.0	966.3	1124.5	1270.7	1447.9	1666.2	1947.7	2304.9	3141.2	5051.1	8011.9
-15°	770.1	971.6	1136.9	1281.6	1462.4	1689.5	1967.4	2309.4	2902.4	4447.4	7186.7
-17.5°	765.9	971.9	1145.6	1290.2	1469.7	1698.5	1973.7	2296.7	2724.1	4008.8	6356.5
-20°	754.7	960.5	1148.3	1291.0	1467.0	1702.1	1976.8	2291.2	2680.5	3560.3	5349.8



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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°	736.6	942.5	1139.0	1289.6	1476.6	1703.7	1967.7	2257.3	2586.1	3019.3	4347.5
-25°	717.1	917.0	1114.9	1294.2	1478.4	1695.8	1929.2	2195.1	2498.7	2837.5	3632.4
-27.5°	696.2	887.3	1090.1	1288.4	1469.3	1666.1	1882.9	2132.0	2382.1	2655.7	2994.2
-30°	670.8	854.9	1056.9	1267.5	1448.0	1631.8	1831.8	2033.2	2257.3	2503.6	2790.4
-32.5°	640.4	816.9	1015.8	1223.9	1419.8	1592.0	1759.2	1940.1	2140.1	2357.3	2594.4
-35°	607.3	778.3	967.5	1170.7	1385.3	1543.5	1688.8	1845.2	2022.4	2220.8	2441.1
-37.5°	573.8	733.8	910.9	1109.0	1317.7	1483.3	1614.2	1760.2	1916.2	2086.1	2291.0
-40°	535.8	682.6	851.9	1039.1	1224.2	1403.1	1547.0	1679.3	1816.4	1971.9	2139.2
-42.5°	494.9	632.7	787.2	957.0	1125.0	1295.6	1475.8	1605.9	1728.5	1860.5	2007.2
-45°	460.7	577.7	717.4	868.3	1019.9	1185.1	1358.9	1532.8	1644.7	1759.0	1884.0
-47.5°	421.0	521.8	649.6	775.3	915.2	1070.9	1235.6	1396.8	1555.8	1667.0	1772.2
-50°	383.2	474.5	572.1	687.8	812.3	956.2	1107.0	1254.5	1403.5	1554.1	1674.1
-52.5°	357.2	423.8	508.5	599.9	715.1	842.2	974.5	1105.9	1245.8	1389.4	1527.7
-55°	329.1	386.2	446.5	524.2	619.1	732.3	842.3	960.1	1080.3	1212.7	1347.4
-57.5°	302.4	349.7	397.1	456.1	535.9	622.4	718.8	815.5	924.5	1035.4	1150.7
-60°	276.0	314.7	355.0	402.1	457.0	530.0	599.8	684.0	774.5	865.8	968.3
-62.5°	250.7	282.2	315.7	355.5	401.5	444.5	502.2	567.5	632.8	713.6	796.7
-65°	235.7	253.3	279.6	314.1	349.9	388.0	425.4	465.4	522.2	582.5	641.6
-67.5°	219.9	236.1	252.5	273.8	305.1	334.9	365.0	400.1	436.4	475.4	518.4
-70°	208.0	219.3	233.9	250.6	267.0	285.0	311.9	339.8	367.6	398.0	431.7
-72.5°	196.8	207.3	218.2	230.0	244.3	258.1	272.2	287.3	309.3	336.0	361.0
-75°	185.5	195.2	205.2	215.5	226.2	236.6	247.7	261.3	276.5	292.9	308.2
-77.5°	174.0	183.0	192.1	201.0	210.8	220.8	230.4	240.1	252.0	264.7	276.7
-80°	162.6	170.7	179.1	187.3	195.9	204.6	213.1	221.3	231.6	242.4	253.1
-82.5°	151.5	159.1	166.3	173.6	181.0	188.3	195.9	203.5	212.9	222.5	231.6
-85°	140.8	147.5	153.6	159.6	166.5	173.3	179.8	186.3	194.8	203.4	211.3
-87.5°	132.1	138.1	143.3	148.4	154.5	160.5	166.2	171.8	179.1	186.4	193.1
-90°	5.3	4.8	4.8	4.8	4.3	3.8	3.8	3.8	3.8	3.8	3.4



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	185.8	190.1	194.4	197.3	200.1	204.4	208.6	214.8	221.0	226.3	231.5
87.5°	3.6	3.3	2.9	2.8	2.8	2.8	2.8	2.4	1.9	1.9	1.9
85°	3.8	3.7	3.6	3.6	3.6	3.3	2.9	2.9	2.8	2.9	2.9
82.5°	4.3	4.1	3.8	3.8	3.8	3.7	3.6	3.3	2.9	2.9	2.9
80°	4.8	4.5	4.3	4.1	3.8	3.8	3.8	3.4	2.9	2.9	2.9
77.5°	5.0	4.9	4.8	4.4	3.9	3.8	3.8	3.4	3.0	2.9	2.9
75°	5.6	5.6	5.5	5.3	5.2	5.3	5.6	5.5	5.2	5.0	4.7
72.5°	8.6	8.6	8.4	8.9	9.4	9.9	10.1	10.4	10.8	11.5	12.3
70°	15.2	16.4	16.4	16.4	16.3	15.8	15.3	15.1	15.2	15.5	15.8
67.5°	22.9	23.8	24.2	24.4	22.3	20.9	20.3	20.4	21.3	23.0	25.4
65°	29.2	27.4	25.8	24.2	24.3	24.3	23.1	22.6	23.3	24.4	25.6
62.5°	34.7	27.6	23.0	20.8	21.2	21.9	19.8	18.1	17.7	17.3	17.4
60°	37.3	26.0	18.3	15.5	13.9	13.1	11.6	10.0	9.5	9.3	9.6
57.5°	37.7	24.7	14.5	11.5	8.8	6.8	5.7	5.0	5.0	4.8	4.7
55°	36.5	25.0	14.1	12.9	11.8	10.8	9.4	9.2	8.7	8.6	9.2
52.5°	37.8	35.0	28.7	27.8	34.0	34.1	29.3	36.1	40.7	44.3	46.0
50°	74.8	71.9	90.8	90.8	109.9	126.3	121.5	131.1	147.6	162.1	170.9
47.5°	174.7	188.4	216.8	242.3	271.0	307.3	323.5	334.9	349.3	368.8	381.8
45°	325.4	359.4	396.3	437.5	485.6	528.2	553.0	576.8	592.6	609.9	630.3
42.5°	483.2	523.8	578.4	627.7	679.8	729.5	768.6	803.2	870.5	966.5	1042.9
40°	618.2	664.4	727.9	793.6	854.9	917.8	1090.8	1238.3	1421.9	1696.3	1939.4
37.5°	752.3	805.7	876.5	957.1	1142.1	1329.5	1707.4	2115.6	2469.2	2865.8	3266.2
35°	898.5	968.6	1063.3	1334.3	1676.9	2176.3	2718.1	3324.3	3838.9	4392.7	5203.9
32.5°	1071.0	1193.5	1499.7	1992.3	2606.6	3316.0	3988.1	4750.2	5392.9	6410.3	7649.3
30°	1293.4	1677.6	2265.5	2945.6	3774.5	4672.5	5515.2	6749.5	8191.4	9467.9	10522.0
27.5°	1830.0	2572.1	3392.9	4254.7	5292.7	6380.9	8147.9	9745.3	11296.8	12675.1	14276.3
25°	2631.1	3821.7	5224.5	6379.9	7790.3	9757.0	11755.0	13514.3	15872.3	17946.1	20272.6
22.5°	3764.3	5459.6	7266.5	8953.4	11119.4	13582.5	16270.7	19512.4	22788.0	26426.4	29663.4
20°	4870.4	7015.3	9303.4	11731.9	14505.9	17585.5	21979.8	27240.6	32288.1	38020.5	42854.2
17.5°	6343.3	8936.2	11642.3	14729.2	18295.7	23033.7	29519.6	36713.0	44518.3	53078.2	60993.9
15°	7841.1	10634.4	13778.8	17729.7	22774.4	29213.7	37488.1	47280.7	58695.3	71278.7	86576.9
12.5°	9068.5	12123.1	15799.9	20778.9	27376.8	35988.4	46013.5	57801.5	73450.5	92429.8	110203.4
10°	10117.3	13779.9	18426.1	24318.7	32079.5	41801.1	53189.6	67783.9	88864.0	110850.9	130355.6
7.5°	11197.6	15530.5	20451.0	26840.0	35664.2	46699.0	60722.8	79780.9	102974.6	125525.7	143412.5
5°	12216.5	16724.3	21728.8	28554.7	38097.3	49948.7	65860.2	89073.1	114312.9	136400.2	153204.8
2.5°	13014.7	17324.7	22401.7	29831.7	39412.6	51714.8	69080.7	94819.2	121295.7	143063.8	160295.6
0°	13428.8	17650.3	22775.1	30630.3	40503.5	53335.8	70927.1	97354.9	124136.2	145334.4	162898.1
-2.5°	13337.1	17493.1	22543.9	30014.0	40254.2	53629.1	72462.3	98676.4	124625.4	146108.9	162661.6
-5°	13144.4	17245.5	22226.6	29256.6	39361.4	52891.8	70795.3	94895.8	119956.8	141994.0	158085.8
-7.5°	12785.2	16830.9	21593.6	28148.8	37881.7	50694.5	66850.7	87793.1	111834.9	133914.6	149492.9
-10°	12256.9	16190.6	20685.3	26647.1	35388.1	47156.4	60892.0	77246.5	99736.6	120379.9	137689.4
-12.5°	11505.9	15284.6	19425.2	24548.3	32376.3	42747.4	54588.7	68177.4	84251.3	104160.2	120385.3
-15°	10550.3	14104.0	17951.6	22785.4	29330.8	37828.4	47812.2	58353.8	70674.0	84416.7	100231.7
-17.5°	9377.5	12715.6	16298.6	20465.9	25759.4	32889.0	40786.6	49012.0	57904.9	68018.3	77309.7
-20°	7978.9	11032.4	14408.9	18285.1	22820.9	27970.6	33711.7	40361.3	47254.4	54472.5	60858.9



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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°	6558.9	9344.3	12561.9	15951.2	19893.5	23824.3	27680.3	32624.6	37947.8	43173.4	47926.9
-25°	5131.9	7590.9	10582.6	13761.5	16925.7	20136.6	23267.4	26337.6	30168.1	33531.7	37020.6
-27.5°	4076.2	5915.7	8427.8	11201.9	13959.2	16638.4	19345.2	21909.8	24325.5	26356.8	28709.0
-30°	3205.7	4447.3	6387.9	8571.0	10983.6	13344.2	15676.7	17843.1	19745.4	21418.0	23051.4
-32.5°	2898.4	3405.4	4558.6	6217.5	8120.9	10191.8	12141.6	14002.3	15570.6	17124.9	18588.5
-35°	2681.1	2960.3	3337.3	4373.6	5613.1	7261.2	8789.5	10333.8	11650.9	13203.3	14403.5
-37.5°	2503.0	2718.0	2956.4	3200.9	3954.6	4779.8	5880.2	7037.8	8055.3	9357.5	10417.2
-40°	2330.6	2521.0	2707.3	2893.2	3093.6	3277.8	3932.7	4529.7	5219.9	6110.6	6872.8
-42.5°	2164.0	2331.6	2493.0	2644.0	2784.1	2905.0	3036.8	3163.1	3535.9	3989.8	4338.5
-45°	2014.4	2156.9	2291.9	2419.7	2526.4	2623.2	2724.7	2830.4	2969.0	3094.9	3198.9
-47.5°	1887.3	1999.9	2110.6	2214.6	2296.5	2379.1	2460.0	2551.2	2659.2	2764.9	2853.3
-50°	1772.2	1869.7	1953.7	2027.4	2095.5	2165.4	2229.8	2310.8	2397.7	2485.1	2558.3
-52.5°	1662.0	1748.7	1818.9	1875.0	1926.9	1983.9	2039.3	2103.9	2174.4	2248.0	2306.1
-55°	1476.7	1587.0	1689.0	1741.7	1782.4	1829.3	1876.2	1928.6	1988.1	2049.9	2096.0
-57.5°	1272.1	1380.9	1476.9	1545.3	1612.8	1681.7	1733.4	1774.4	1828.2	1881.0	1920.8
-60°	1066.6	1157.8	1242.6	1311.8	1382.2	1451.2	1509.3	1562.7	1629.3	1689.8	1739.1
-62.5°	875.3	955.1	1020.5	1076.5	1136.5	1196.5	1251.8	1304.5	1365.0	1419.3	1465.5
-65°	701.4	768.3	816.7	860.7	908.4	958.2	1002.0	1045.6	1094.2	1137.7	1175.6
-67.5°	567.1	611.5	641.7	669.7	707.6	746.3	780.6	815.3	852.5	885.4	914.1
-70°	464.3	492.0	510.6	532.0	559.0	583.8	606.3	631.7	659.1	684.3	707.1
-72.5°	384.9	403.9	417.8	435.0	452.1	467.8	482.1	500.3	520.2	539.7	558.2
-75°	322.4	334.7	348.1	360.4	372.2	383.6	394.1	408.8	424.1	438.7	452.7
-77.5°	289.3	298.4	305.9	312.8	319.2	326.6	333.9	346.2	359.6	371.0	381.6
-80°	263.6	270.8	276.9	282.2	287.0	293.0	299.1	309.2	319.8	329.3	338.6
-82.5°	240.6	246.7	252.4	257.3	261.8	267.0	272.1	281.0	290.1	298.2	306.1
-85°	219.1	224.4	229.5	233.8	238.0	242.8	247.5	255.2	263.0	270.2	277.3
-87.5°	199.7	204.5	209.2	212.4	215.6	220.2	224.7	231.6	238.4	244.8	251.2
-90°	2.9	2.9	2.9	2.4	1.9	1.9	1.9	1.9	1.9	1.5	1.0



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	234.4	237.2	237.7	238.2	237.7	237.2	234.4	231.5	226.3	221.0	214.8
87.5°	1.4	1.0	1.4	1.9	1.4	1.0	1.4	1.9	1.9	1.9	2.4
85°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.9
82.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.3
80°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.4
77.5°	2.5	1.9	2.4	2.9	2.4	1.9	2.5	2.9	2.9	3.0	3.4
75°	4.3	3.8	3.4	2.9	3.4	3.8	4.3	4.7	5.0	5.2	5.5
72.5°	12.7	13.0	13.7	14.3	13.7	13.0	12.7	12.3	11.5	10.8	10.4
70°	15.3	14.4	14.3	14.3	14.3	14.4	15.3	15.8	15.5	15.2	15.1
67.5°	27.3	28.8	29.4	29.5	29.4	28.8	27.3	25.4	23.0	21.3	20.4
65°	26.5	27.5	27.6	27.6	27.6	27.5	26.5	25.6	24.4	23.3	22.6
62.5°	17.8	18.3	18.6	19.1	18.6	18.3	17.8	17.4	17.3	17.7	18.1
60°	10.0	10.6	11.0	11.4	11.0	10.6	10.0	9.6	9.3	9.5	10.0
57.5°	4.6	4.9	5.2	5.7	5.2	4.9	4.6	4.7	4.8	5.0	5.0
55°	9.6	10.1	10.4	10.5	10.4	10.1	9.6	9.2	8.6	8.7	9.2
52.5°	45.2	43.0	41.3	40.0	41.3	43.0	45.2	46.0	44.3	40.7	36.1
50°	174.6	170.3	165.5	161.0	165.5	170.3	174.6	170.9	162.1	147.6	131.1
47.5°	389.5	386.1	379.0	369.7	379.0	386.1	389.5	381.8	368.8	349.3	334.9
45°	658.3	677.4	685.9	681.2	685.9	677.4	658.3	630.3	609.9	592.6	576.8
42.5°	1068.9	1085.7	1087.2	1062.3	1087.2	1085.7	1068.9	1042.9	966.5	870.5	803.2
40°	2115.2	2261.8	2312.1	2160.8	2312.1	2261.8	2115.2	1939.4	1696.3	1421.9	1238.3
37.5°	3748.9	4324.8	4805.2	4823.7	4805.2	4324.8	3748.9	3266.2	2865.8	2469.2	2115.6
35°	6075.8	6668.3	6954.7	6942.6	6954.7	6668.3	6075.8	5203.9	4392.7	3838.9	3324.3
32.5°	8539.6	8988.4	9275.3	9206.2	9275.3	8988.4	8539.6	7649.3	6410.3	5392.9	4750.2
30°	11274.9	11691.3	12025.7	12020.6	12025.7	11691.3	11274.9	10522.0	9467.9	8191.4	6749.5
27.5°	15579.7	16437.9	17120.0	17004.4	17120.0	16437.9	15579.7	14276.3	12675.1	11296.8	9745.3
25°	22235.0	23804.8	24914.6	24686.2	24914.6	23804.8	22235.0	20272.6	17946.1	15872.3	13514.3
22.5°	32066.5	34080.3	34922.3	34254.5	34922.3	34080.3	32066.5	29663.4	26426.4	22788.0	19512.4
20°	47459.1	51192.7	53513.8	52129.7	53513.8	51192.7	47459.1	42854.2	38020.5	32288.1	27240.6
17.5°	71239.0	79338.6	85738.4	85562.0	85738.4	79338.6	71239.0	60993.9	53078.2	44518.3	36713.0
15°	99896.2	109115.2	116213.7	117034.5	116213.7	109115.2	99896.2	86576.9	71278.7	58695.3	47280.7
12.5°	125555.7	134931.4	141878.0	143876.8	141878.0	134931.4	125555.7	110203.4	92429.8	73450.5	57801.5
10°	143843.0	153199.4	159923.1	162294.0	159923.1	153199.4	143843.0	130355.6	110850.9	88864.0	67783.9
7.5°	157258.5	167409.3	172449.3	175025.4	172449.3	167409.3	157258.5	143412.5	125525.7	102974.6	79780.9
5°	166911.7	176345.7	181221.5	184343.1	181221.5	176345.7	166911.7	153204.8	136400.2	114312.9	89073.1
2.5°	172997.0	181903.5	187758.8	190558.8	187758.8	181903.5	172997.0	160295.6	143063.8	121295.7	94819.2
0°	174961.1	183511.4	190074.3	192584.2	190074.3	183511.4	174961.1	162898.1	145334.4	124136.2	97354.9
-2.5°	174047.6	182423.3	187657.6	188672.3	187657.6	182423.3	174047.6	162661.6	146108.9	124625.4	98676.4
-5°	169293.3	177013.0	181846.4	182640.6	181846.4	177013.0	169293.3	158085.8	141994.0	119956.8	94895.8
-7.5°	161097.2	168797.9	172793.0	173969.2	172793.0	168797.9	161097.2	149492.9	133914.6	111834.9	87793.1
-10°	149213.6	156653.2	160923.1	161935.8	160923.1	156653.2	149213.6	137689.4	120379.9	99736.6	77246.5
-12.5°	132998.0	140934.7	145713.6	146766.4	145713.6	140934.7	132998.0	120385.3	104160.2	84251.3	68177.4
-15°	111971.4	120135.3	126235.9	127711.8	126235.9	120135.3	111971.4	100231.7	84416.7	70674.0	58353.8
-17.5°	87733.9	95903.5	101385.4	102432.0	101385.4	95903.5	87733.9	77309.7	68018.3	57904.9	49012.0
-20°	66859.0	72113.2	75207.2	75746.0	75207.2	72113.2	66859.0	60858.9	54472.5	47254.4	40361.3



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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°	51811.7	55343.1	57226.8	57492.6	57226.8	55343.1	51811.7	47926.9	43173.4	37947.8	32624.6
-25°	40149.1	42714.9	44118.0	44351.6	44118.0	42714.9	40149.1	37020.6	33531.7	30168.1	26337.6
-27.5°	30827.6	32421.5	33727.0	33455.2	33727.0	32421.5	30827.6	28709.0	26356.8	24325.5	21909.8
-30°	24393.5	25415.7	26186.8	25984.8	26186.8	25415.7	24393.5	23051.4	21418.0	19745.4	17843.1
-32.5°	19743.3	20544.1	21086.2	21230.7	21086.2	20544.1	19743.3	18588.5	17124.9	15570.6	14002.3
-35°	15345.4	15999.8	16375.5	16521.3	16375.5	15999.8	15345.4	14403.5	13203.3	11650.9	10333.8
-37.5°	11203.7	11777.7	12136.1	12260.7	12136.1	11777.7	11203.7	10417.2	9357.5	8055.3	7037.8
-40°	7456.4	7898.7	8192.3	8305.9	8192.3	7898.7	7456.4	6872.8	6110.6	5219.9	4529.7
-42.5°	4610.2	4817.2	4948.3	4989.5	4948.3	4817.2	4610.2	4338.5	3989.8	3535.9	3163.1
-45°	3279.3	3336.5	3369.3	3375.5	3369.3	3336.5	3279.3	3198.9	3094.9	2969.0	2830.4
-47.5°	2922.4	2967.5	2990.6	2991.6	2990.6	2967.5	2922.4	2853.3	2764.9	2659.2	2551.2
-50°	2618.7	2660.4	2681.5	2682.9	2681.5	2660.4	2618.7	2558.3	2485.1	2397.7	2310.8
-52.5°	2353.7	2387.0	2402.5	2402.8	2402.5	2387.0	2353.7	2306.1	2248.0	2174.4	2103.9
-55°	2133.9	2159.7	2169.4	2167.5	2169.4	2159.7	2133.9	2096.0	2049.9	1988.1	1928.6
-57.5°	1953.9	1979.3	1987.2	1984.5	1987.2	1979.3	1953.9	1920.8	1881.0	1828.2	1774.4
-60°	1777.5	1804.6	1814.8	1814.0	1814.8	1804.6	1777.5	1739.1	1689.8	1629.3	1562.7
-62.5°	1498.4	1519.3	1530.4	1533.9	1530.4	1519.3	1498.4	1465.5	1419.3	1365.0	1304.5
-65°	1201.6	1218.2	1227.2	1230.0	1227.2	1218.2	1201.6	1175.6	1137.7	1094.2	1045.6
-67.5°	932.6	944.6	950.3	951.8	950.3	944.6	932.6	914.1	885.4	852.5	815.3
-70°	721.3	731.1	735.7	737.4	735.7	731.1	721.3	707.1	684.3	659.1	631.7
-72.5°	568.9	576.7	579.9	581.2	579.9	576.7	568.9	558.2	539.7	520.2	500.3
-75°	459.4	464.0	465.9	466.8	465.9	464.0	459.4	452.7	438.7	424.1	408.8
-77.5°	387.4	392.4	394.2	395.4	394.2	392.4	387.4	381.6	371.0	359.6	346.2
-80°	342.7	346.2	347.6	348.7	347.6	346.2	342.7	338.6	329.3	319.8	309.2
-82.5°	311.1	315.9	316.2	316.3	316.2	315.9	311.1	306.1	298.2	290.1	281.0
-85°	281.1	284.7	285.3	285.8	285.3	284.7	281.1	277.3	270.2	263.0	255.2
-87.5°	254.7	258.1	258.2	258.2	258.2	258.1	254.7	251.2	244.8	238.4	231.6
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.9	1.9



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	208.6	204.4	200.1	197.3	194.4	190.1	185.8	179.6	173.4	167.2	161.0
87.5°	2.8	2.8	2.8	2.8	2.9	3.3	3.6	3.7	3.8	3.8	3.8
85°	2.9	3.3	3.6	3.6	3.6	3.7	3.8	4.1	4.3	4.3	4.2
82.5°	3.6	3.7	3.8	3.8	3.8	4.1	4.3	4.5	4.8	4.9	4.9
80°	3.8	3.8	3.8	4.1	4.3	4.5	4.8	4.9	4.9	5.3	5.6
77.5°	3.8	3.8	3.9	4.4	4.8	4.9	5.0	5.3	5.6	5.6	5.7
75°	5.6	5.3	5.2	5.3	5.5	5.6	5.6	5.6	5.8	6.0	5.9
72.5°	10.1	9.9	9.4	8.9	8.4	8.6	8.6	8.1	7.6	7.2	6.6
70°	15.3	15.8	16.3	16.4	16.4	16.4	15.2	13.5	11.9	11.2	9.7
67.5°	20.3	20.9	22.3	24.4	24.2	23.8	22.9	21.5	19.3	17.1	14.1
65°	23.1	24.3	24.3	24.2	25.8	27.4	29.2	28.5	28.4	25.4	20.0
62.5°	19.8	21.9	21.2	20.8	23.0	27.6	34.7	37.9	39.7	36.9	30.2
60°	11.6	13.1	13.9	15.5	18.3	26.0	37.3	45.5	52.6	47.8	40.0
57.5°	5.7	6.8	8.8	11.5	14.5	24.7	37.7	48.8	56.9	53.8	48.7
55°	9.4	10.8	11.8	12.9	14.1	25.0	36.5	48.0	56.6	55.7	51.4
52.5°	29.3	34.1	34.0	27.8	28.7	35.0	37.8	49.9	57.7	58.7	55.3
50°	121.5	126.3	109.9	90.8	90.8	71.9	74.8	71.8	69.5	71.2	64.4
47.5°	323.5	307.3	271.0	242.3	216.8	188.4	174.7	141.6	134.7	103.9	98.5
45°	553.0	528.2	485.6	437.5	396.3	359.4	325.4	298.6	247.5	220.4	155.4
42.5°	768.6	729.5	679.8	627.7	578.4	523.8	483.2	451.8	417.1	364.9	307.9
40°	1090.8	917.8	854.9	793.6	727.9	664.4	618.2	570.7	546.2	505.2	450.0
37.5°	1707.4	1329.5	1142.1	957.1	876.5	805.7	752.3	703.6	656.6	620.6	568.6
35°	2718.1	2176.3	1676.9	1334.3	1063.3	968.6	898.5	842.8	784.8	726.6	677.5
32.5°	3988.1	3316.0	2606.6	1992.3	1499.7	1193.5	1071.0	991.9	917.6	845.9	775.7
30°	5515.2	4672.5	3774.5	2945.6	2265.5	1677.6	1293.4	1160.2	1059.9	969.6	877.4
27.5°	8147.9	6380.9	5292.7	4254.7	3392.9	2572.1	1830.0	1347.7	1214.4	1103.9	994.4
25°	11755.0	9757.0	7790.3	6379.9	5224.5	3821.7	2631.1	1819.7	1400.5	1245.2	1114.9
22.5°	16270.7	13582.5	11119.4	8953.4	7266.5	5459.6	3764.3	2342.5	1601.1	1394.7	1241.3
20°	21979.8	17585.5	14505.9	11731.9	9303.4	7015.3	4870.4	3135.7	2042.1	1554.4	1364.3
17.5°	29519.6	23033.7	18295.7	14729.2	11642.3	8936.2	6343.3	4129.0	2455.1	1717.0	1485.2
15°	37488.1	29213.7	22774.4	17729.7	13778.8	10634.4	7841.1	5124.2	3031.3	2004.7	1620.1
12.5°	46013.5	35988.4	27376.8	20778.9	15799.9	12123.1	9068.5	6209.8	3809.0	2342.9	1734.8
10°	53189.6	41801.1	32079.5	24318.7	18426.1	13779.9	10117.3	7069.3	4430.5	2638.1	1835.7
7.5°	60722.8	46699.0	35664.2	26840.0	20451.0	15530.5	11197.6	7707.7	4907.0	2858.1	1913.4
5°	65860.2	49948.7	38097.3	28554.7	21728.8	16724.3	12216.5	8150.8	5209.1	3008.2	1978.4
2.5°	69080.7	51714.8	39412.6	29831.7	22401.7	17324.7	13014.7	8711.4	5464.4	3142.1	2043.5
0°	70927.1	53335.8	40503.5	30630.3	22775.1	17650.3	13428.8	9361.5	5636.4	3231.7	2096.0
-2.5°	72462.3	53629.1	40254.2	30014.0	22543.9	17493.1	13337.1	9609.2	6008.1	3322.4	2152.0
-5°	70795.3	52891.8	39361.4	29256.6	22226.6	17245.5	13144.4	9537.1	6110.3	3361.4	2191.7
-7.5°	66850.7	50694.5	37881.7	28148.8	21593.6	16830.9	12785.2	9128.4	5858.3	3379.1	2244.8
-10°	60892.0	47156.4	35388.1	26647.1	20685.3	16190.6	12256.9	8658.1	5518.3	3306.5	2279.1
-12.5°	54588.7	42747.4	32376.3	24548.3	19425.2	15284.6	11505.9	8011.9	5051.1	3141.2	2304.9
-15°	47812.2	37828.4	29330.8	22785.4	17951.6	14104.0	10550.3	7186.7	4447.4	2902.4	2309.4
-17.5°	40786.6	32889.0	25759.4	20465.9	16298.6	12715.6	9377.5	6356.5	4008.8	2724.1	2296.7
-20°	33711.7	27970.6	22820.9	18285.1	14408.9	11032.4	7978.9	5349.8	3560.3	2680.5	2291.2



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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°	27680.3	23824.3	19893.5	15951.2	12561.9	9344.3	6558.9	4347.5	3019.3	2586.1	2257.3
-25°	23267.4	20136.6	16925.7	13761.5	10582.6	7590.9	5131.9	3632.4	2837.5	2498.7	2195.1
-27.5°	19345.2	16638.4	13959.2	11201.9	8427.8	5915.7	4076.2	2994.2	2655.7	2382.1	2132.0
-30°	15676.7	13344.2	10983.6	8571.0	6387.9	4447.3	3205.7	2790.4	2503.6	2257.3	2033.2
-32.5°	12141.6	10191.8	8120.9	6217.5	4558.6	3405.4	2898.4	2594.4	2357.3	2140.1	1940.1
-35°	8789.5	7261.2	5613.1	4373.6	3337.3	2960.3	2681.1	2441.1	2220.8	2022.4	1845.2
-37.5°	5880.2	4779.8	3954.6	3200.9	2956.4	2718.0	2503.0	2291.0	2086.1	1916.2	1760.2
-40°	3932.7	3277.8	3093.6	2893.2	2707.3	2521.0	2330.6	2139.2	1971.9	1816.4	1679.3
-42.5°	3036.8	2905.0	2784.1	2644.0	2493.0	2331.6	2164.0	2007.2	1860.5	1728.5	1605.9
-45°	2724.7	2623.2	2526.4	2419.7	2291.9	2156.9	2014.4	1884.0	1759.0	1644.7	1532.8
-47.5°	2460.0	2379.1	2296.5	2214.6	2110.6	1999.9	1887.3	1772.2	1667.0	1555.8	1396.8
-50°	2229.8	2165.4	2095.5	2027.4	1953.7	1869.7	1772.2	1674.1	1554.1	1403.5	1254.5
-52.5°	2039.3	1983.9	1926.9	1875.0	1818.9	1748.7	1662.0	1527.7	1389.4	1245.8	1105.9
-55°	1876.2	1829.3	1782.4	1741.7	1689.0	1587.0	1476.7	1347.4	1212.7	1080.3	960.1
-57.5°	1733.4	1681.7	1612.8	1545.3	1476.9	1380.9	1272.1	1150.7	1035.4	924.5	815.5
-60°	1509.3	1451.2	1382.2	1311.8	1242.6	1157.8	1066.6	968.3	865.8	774.5	684.0
-62.5°	1251.8	1196.5	1136.5	1076.5	1020.5	955.1	875.3	796.7	713.6	632.8	567.5
-65°	1002.0	958.2	908.4	860.7	816.7	768.3	701.4	641.6	582.5	522.2	465.4
-67.5°	780.6	746.3	707.6	669.7	641.7	611.5	567.1	518.4	475.4	436.4	400.1
-70°	606.3	583.8	559.0	532.0	510.6	492.0	464.3	431.7	398.0	367.6	339.8
-72.5°	482.1	467.8	452.1	435.0	417.8	403.9	384.9	361.0	336.0	309.3	287.3
-75°	394.1	383.6	372.2	360.4	348.1	334.7	322.4	308.2	292.9	276.5	261.3
-77.5°	333.9	326.6	319.2	312.8	305.9	298.4	289.3	276.7	264.7	252.0	240.1
-80°	299.1	293.0	287.0	282.2	276.9	270.8	263.6	253.1	242.4	231.6	221.3
-82.5°	272.1	267.0	261.8	257.3	252.4	246.7	240.6	231.6	222.5	212.9	203.5
-85°	247.5	242.8	238.0	233.8	229.5	224.4	219.1	211.3	203.4	194.8	186.3
-87.5°	224.7	220.2	215.6	212.4	209.2	204.5	199.7	193.1	186.4	179.1	171.8
-90°	1.9	1.9	1.9	2.4	2.9	2.9	2.9	3.4	3.8	3.8	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°	155.3	149.6	143.9	138.1	133.4	128.6	123.4	118.1	111.0	103.8	92.9
87.5°	4.1	4.4	4.9	5.3	5.3	5.3	5.7	6.1	6.1	6.0	6.5
85°	4.7	5.1	5.4	5.7	5.7	5.7	6.1	6.5	6.5	6.4	6.8
82.5°	5.3	5.6	5.6	5.7	6.0	6.2	6.6	6.9	6.9	6.8	7.1
80°	5.6	5.7	5.9	6.0	6.3	6.8	7.1	7.4	7.5	7.4	7.6
77.5°	5.7	5.8	6.3	6.6	6.6	6.8	7.3	7.7	8.0	8.1	8.2
75°	5.7	5.9	6.4	6.8	6.8	6.9	7.3	7.8	8.4	8.7	8.7
72.5°	6.4	6.4	6.7	6.9	7.2	7.4	7.7	8.0	8.7	9.1	9.3
70°	8.1	7.3	7.3	7.6	7.8	8.1	8.5	8.7	9.0	9.6	9.8
67.5°	10.6	9.5	8.7	8.6	8.9	9.1	9.4	9.6	9.8	10.1	10.3
65°	16.5	13.4	10.5	10.4	10.2	10.2	10.4	10.8	10.7	11.2	10.9
62.5°	23.9	19.1	16.1	13.3	12.5	13.1	11.6	12.9	11.9	12.5	12.2
60°	32.4	25.7	22.4	19.7	17.6	17.2	16.5	15.4	15.0	14.0	13.8
57.5°	39.5	31.7	29.7	26.8	25.5	23.7	22.7	20.8	18.7	17.5	15.6
55°	45.1	38.5	37.7	35.2	34.6	31.9	30.5	27.9	23.7	21.7	17.7
52.5°	48.3	47.4	46.6	46.5	45.9	42.0	40.4	35.6	31.9	26.2	21.9
50°	56.3	59.4	58.3	61.1	59.0	56.9	51.0	46.2	40.8	32.1	26.6
47.5°	83.1	85.5	79.0	81.0	77.1	74.2	66.8	58.1	50.3	40.9	31.4
45°	153.4	128.6	121.0	111.8	102.7	98.7	85.6	70.8	61.9	50.1	36.4
42.5°	251.1	216.6	193.1	148.8	145.5	128.8	108.4	91.3	74.1	59.8	43.5
40°	384.1	338.1	287.4	240.4	198.9	163.3	142.1	114.9	87.0	70.4	52.1
37.5°	511.7	459.4	407.7	344.3	269.4	220.9	180.6	140.6	103.7	82.6	61.0
35°	617.2	566.1	517.5	449.4	371.4	281.4	222.7	171.8	127.5	95.3	69.9
32.5°	712.1	653.3	595.7	540.3	456.1	343.3	273.8	207.3	151.9	108.6	78.9
30°	803.0	731.4	664.3	610.7	523.2	412.9	324.5	241.2	176.7	122.2	88.1
27.5°	897.3	809.9	730.5	668.1	577.6	472.7	364.3	273.3	201.9	137.2	98.1
25°	998.3	895.7	807.6	728.3	632.5	517.2	399.8	303.8	228.1	154.4	107.7
22.5°	1105.2	981.5	882.0	792.8	693.0	560.4	434.5	335.0	248.5	170.6	116.8
20°	1206.4	1061.4	949.8	846.5	750.9	609.5	470.1	360.2	267.5	185.6	125.4
17.5°	1307.0	1138.5	1002.5	893.6	800.3	660.1	506.7	383.8	285.1	199.4	133.5
15°	1401.9	1213.6	1055.3	935.3	839.8	707.8	542.4	406.0	301.3	211.9	141.5
12.5°	1489.8	1284.4	1107.5	971.1	869.2	750.6	576.5	426.6	315.9	224.6	149.7
10°	1568.6	1350.9	1158.5	1005.4	894.8	788.6	608.6	449.3	334.8	237.0	157.4
7.5°	1633.5	1411.8	1205.4	1037.9	917.9	821.1	643.4	478.3	353.4	248.3	164.5
5°	1689.1	1466.7	1252.1	1075.9	944.7	847.6	674.9	505.7	370.7	258.4	171.0
2.5°	1739.5	1514.8	1296.0	1112.0	969.5	868.7	702.5	530.9	386.4	267.1	176.8
0°	1780.7	1554.9	1333.8	1144.2	991.8	885.1	726.0	553.5	400.1	274.4	182.0
-2.5°	1817.9	1583.3	1365.1	1178.0	1029.0	909.6	740.4	564.8	411.4	284.0	188.2
-5°	1845.1	1604.0	1390.4	1207.6	1062.3	929.5	750.7	573.1	420.4	292.1	193.7
-7.5°	1888.1	1628.1	1413.0	1233.5	1090.9	943.9	756.7	578.3	427.0	298.3	198.3
-10°	1921.6	1650.2	1433.9	1254.9	1109.6	956.0	759.9	580.6	431.1	302.7	202.1
-12.5°	1947.7	1666.2	1447.9	1270.7	1124.5	966.3	768.0	583.1	432.7	305.0	204.9
-15°	1967.4	1689.5	1462.4	1281.6	1136.9	971.6	770.1	583.0	430.7	304.6	206.7
-17.5°	1973.7	1698.5	1469.7	1290.2	1145.6	971.9	765.9	578.1	426.0	301.6	207.9
-20°	1976.8	1702.1	1467.0	1291.0	1148.3	960.5	754.7	568.1	418.3	296.8	208.5



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1967.7	1703.7	1476.6	1289.6	1139.0	942.5	736.6	553.3	407.6	290.2	208.1
-25°	1929.2	1695.8	1478.4	1294.2	1114.9	917.0	717.1	537.8	393.9	281.8	206.9
-27.5°	1882.9	1666.1	1469.3	1288.4	1090.1	887.3	696.2	524.6	382.1	271.6	204.8
-30°	1831.8	1631.8	1448.0	1267.5	1056.9	854.9	670.8	507.3	371.2	265.5	201.8
-32.5°	1759.2	1592.0	1419.8	1223.9	1015.8	816.9	640.4	485.6	357.5	261.9	199.1
-35°	1688.8	1543.5	1385.3	1170.7	967.5	778.3	607.3	459.5	340.8	256.9	196.1
-37.5°	1614.2	1483.3	1317.7	1109.0	910.9	733.8	573.8	434.6	321.3	250.4	192.2
-40°	1547.0	1403.1	1224.2	1039.1	851.9	682.6	535.8	410.2	308.8	242.5	187.1
-42.5°	1475.8	1295.6	1125.0	957.0	787.2	632.7	494.9	382.9	298.5	234.8	181.0
-45°	1358.9	1185.1	1019.9	868.3	717.4	577.7	460.7	355.2	286.2	226.6	175.9
-47.5°	1235.6	1070.9	915.2	775.3	649.6	521.8	421.0	339.0	272.1	217.0	172.8
-50°	1107.0	956.2	812.3	687.8	572.1	474.5	383.2	320.6	259.5	206.2	169.1
-52.5°	974.5	842.2	715.1	599.9	508.5	423.8	357.2	299.3	245.3	199.0	164.9
-55°	842.3	732.3	619.1	524.2	446.5	386.2	329.1	279.0	229.6	193.0	160.5
-57.5°	718.8	622.4	535.9	456.1	397.1	349.7	302.4	257.3	219.6	186.3	157.9
-60°	599.8	530.0	457.0	402.1	355.0	314.7	276.0	237.8	210.7	179.5	154.6
-62.5°	502.2	444.5	401.5	355.5	315.7	282.2	250.7	225.5	200.5	174.7	150.8
-65°	425.4	388.0	349.9	314.1	279.6	253.3	235.7	212.7	192.2	169.4	146.5
-67.5°	365.0	334.9	305.1	273.8	252.5	236.1	219.9	202.5	184.4	163.6	141.7
-70°	311.9	285.0	267.0	250.6	233.9	219.3	208.0	193.3	176.3	157.5	136.5
-72.5°	272.2	258.1	244.3	230.0	218.2	207.3	196.8	183.8	168.1	151.0	131.0
-75°	247.7	236.6	226.2	215.5	205.2	195.2	185.5	174.0	159.5	144.1	125.4
-77.5°	230.4	220.8	210.8	201.0	192.1	183.0	174.0	163.8	150.7	137.0	119.5
-80°	213.1	204.6	195.9	187.3	179.1	170.7	162.6	153.7	141.8	129.5	113.4
-82.5°	195.9	188.3	181.0	173.6	166.3	159.1	151.5	143.4	132.7	121.7	107.6
-85°	179.8	173.3	166.5	159.6	153.6	147.5	140.8	134.0	124.9	115.8	102.9
-87.5°	166.2	160.5	154.5	148.4	143.3	138.1	132.1	126.1	118.0	109.9	97.9
-90°	3.8	3.8	4.3	4.8	4.8	4.8	5.3	5.7	5.7	5.7	6.2



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	81.9	68.1	54.3	39.0	23.8	16.2	8.6
87.5°	6.9	7.0	7.0	6.9	6.9	7.8	8.6
85°	7.2	7.3	7.4	7.2	7.0	8.0	8.6
82.5°	7.4	7.6	7.7	7.4	7.2	8.2	8.6
80°	7.7	7.9	8.0	7.7	7.4	8.3	8.6
77.5°	8.2	8.3	8.3	7.9	7.6	8.5	8.6
75°	8.7	8.7	8.7	8.2	7.8	8.7	8.6
72.5°	9.2	9.1	9.0	8.4	8.0	8.9	8.6
70°	9.7	9.6	9.4	8.7	8.3	9.0	8.6
67.5°	10.4	10.0	9.7	9.0	8.5	9.2	8.6
65°	11.1	10.6	10.1	9.4	8.8	9.4	8.6
62.5°	11.9	11.5	10.5	9.8	9.1	9.6	8.6
60°	12.8	12.4	11.0	10.2	9.4	9.8	8.6
57.5°	14.6	13.3	12.0	10.6	9.9	10.0	8.6
55°	16.6	14.3	13.0	11.0	10.4	10.2	8.6
52.5°	18.7	15.5	14.1	11.4	11.0	10.4	8.6
50°	20.9	17.7	15.3	11.8	11.6	10.6	8.6
47.5°	23.5	19.9	16.5	12.4	12.3	10.8	8.6
45°	27.9	22.3	17.7	13.4	13.0	11.0	8.6
42.5°	32.3	24.8	19.0	14.3	13.7	11.2	8.6
40°	36.9	27.3	20.7	15.7	14.4	11.4	8.6
37.5°	41.8	30.0	22.7	17.4	15.2	11.6	8.6
35°	46.7	33.5	24.8	19.1	16.0	11.8	8.6
32.5°	52.3	37.4	26.8	20.8	16.8	12.0	8.6
30°	59.6	41.2	28.9	22.5	17.7	12.2	8.6
27.5°	66.7	45.0	31.6	24.3	18.6	12.4	8.6
25°	73.5	48.7	34.5	26.0	19.4	12.6	8.6
22.5°	80.2	52.5	37.2	27.7	20.3	12.8	8.6
20°	86.5	56.8	39.9	29.4	21.2	13.0	8.6
17.5°	93.1	61.1	42.5	31.1	22.1	13.2	8.6
15°	99.6	65.1	45.0	32.8	22.9	13.4	8.6
12.5°	105.7	69.1	47.5	34.5	23.8	13.6	8.6
10°	111.4	72.8	49.8	36.1	24.6	13.7	8.6
7.5°	116.6	76.4	52.0	37.6	25.4	13.9	8.6
5°	121.4	79.7	54.2	39.1	26.2	14.0	8.6
2.5°	125.8	82.8	56.2	40.5	26.9	14.2	8.6
0°	129.6	85.7	58.1	41.9	27.6	14.3	8.6
-2.5°	134.1	89.2	60.8	43.7	28.7	14.8	8.6
-5°	138.0	92.3	63.4	45.4	29.7	15.3	8.6
-7.5°	141.3	95.2	65.8	47.0	30.6	15.8	8.6
-10°	144.1	97.8	68.1	48.4	31.5	16.3	8.6
-12.5°	146.3	100.1	70.2	49.8	32.3	16.7	8.6
-15°	147.9	102.1	72.1	51.1	33.1	17.1	8.6
-17.5°	148.8	103.8	73.8	52.2	33.8	17.6	8.6
-20°	149.6	105.1	75.2	53.3	34.5	17.9	8.6



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	150.3	106.1	76.5	54.2	35.0	18.3	8.6
-25°	150.3	107.4	77.6	54.9	35.5	18.6	8.6
-27.5°	149.7	108.5	78.4	55.6	36.0	18.9	8.6
-30°	148.4	109.3	79.0	56.1	36.3	19.2	8.6
-32.5°	146.4	109.6	80.1	56.4	36.6	19.4	8.6
-35°	145.6	109.6	80.9	56.6	36.8	19.7	8.6
-37.5°	145.2	109.6	81.5	56.7	37.0	19.8	8.6
-40°	144.3	110.1	81.9	56.6	37.0	20.0	8.6
-42.5°	142.7	110.3	82.2	56.6	37.0	20.1	8.6
-45°	140.6	110.2	82.3	56.7	36.9	20.2	8.6
-47.5°	138.0	109.8	82.2	56.7	36.8	20.2	8.6
-50°	136.6	109.1	81.9	56.7	36.6	20.2	8.6
-52.5°	135.1	108.1	81.4	56.6	36.3	20.2	8.6
-55°	133.3	106.8	80.6	56.3	35.9	20.1	8.6
-57.5°	131.2	105.2	79.5	55.9	35.4	20.0	8.6
-60°	128.7	103.3	78.3	55.4	34.9	19.9	8.6
-62.5°	125.8	101.0	77.2	54.7	34.4	19.7	8.6
-65°	122.6	98.6	75.9	53.9	33.8	19.5	8.6
-67.5°	119.0	96.0	74.4	52.9	33.1	19.3	8.6
-70°	115.1	93.4	72.8	51.8	32.3	19.1	8.6
-72.5°	111.1	90.6	70.9	50.6	31.5	18.8	8.6
-75°	106.9	87.5	68.9	49.2	30.5	18.5	8.6
-77.5°	102.4	84.1	66.8	47.8	29.5	18.2	8.6
-80°	97.6	81.0	64.5	46.3	28.5	17.8	8.6
-82.5°	93.8	78.0	62.2	44.6	27.4	17.4	8.6
-85°	90.0	74.8	59.7	42.9	26.2	17.0	8.6
-87.5°	86.0	71.5	57.1	41.0	25.0	16.6	8.6
-90°	6.7	6.7	6.7	6.7	6.7	7.7	8.6

(END OF REPORT)