

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: P1306264 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-3S-VHE-A**

Issue Date: 2/3/2026

**Test Information**

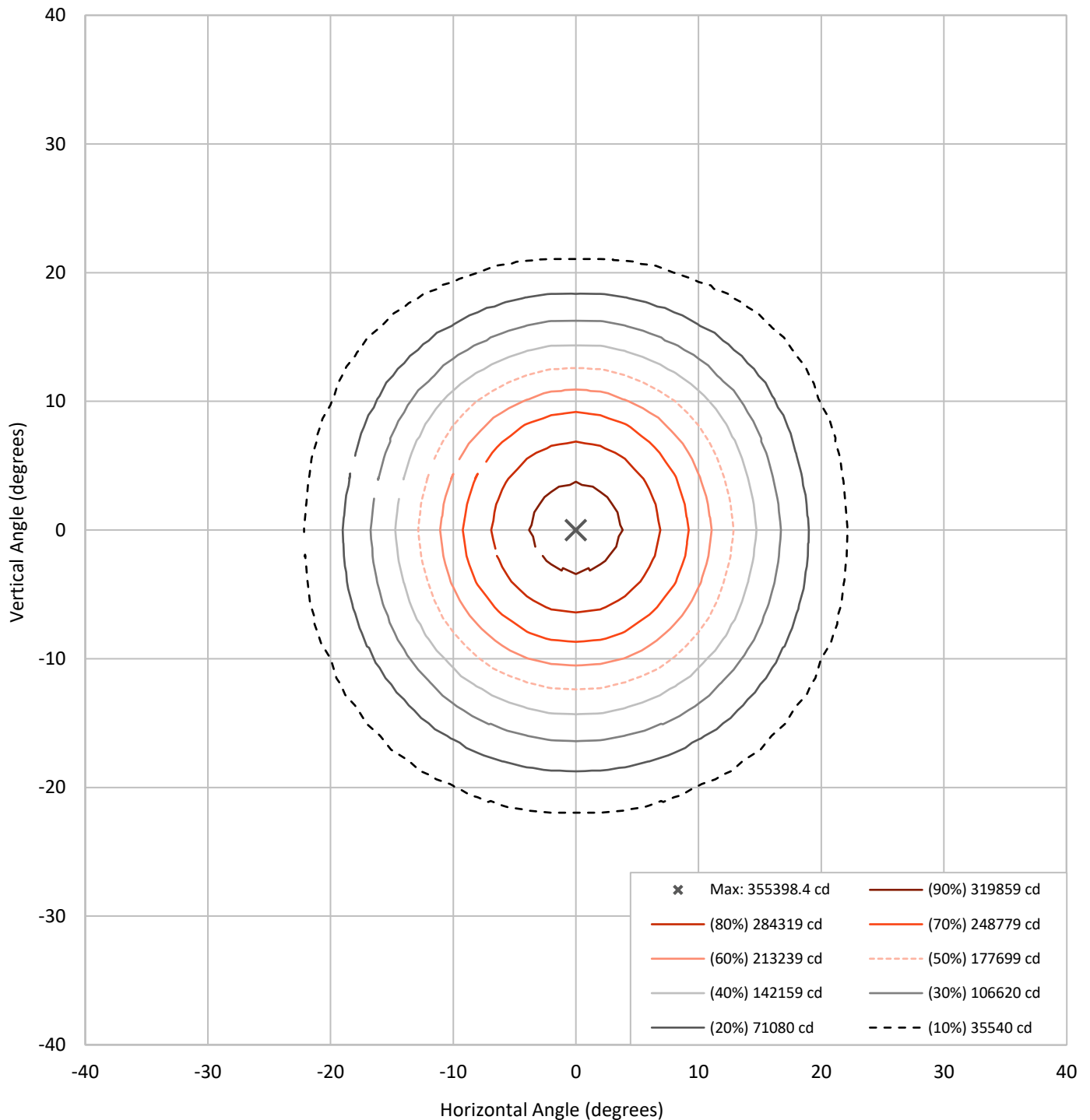
Test Method: LM-79-08  
Report Number: P1306264 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-3)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-57-80-3S-VHE-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 3S 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:	79847.5 lumens	Max Intensity:	355398.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	144.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	25.7°H x 24.9°V	Field Angle (10%):	44.2°H x 43°V
Beam Lumens:	38203.6 lumens	Field Lumens:	66942.2 lumens
Beam Efficiency:	47.8%	Field Efficiency:	83.8%
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



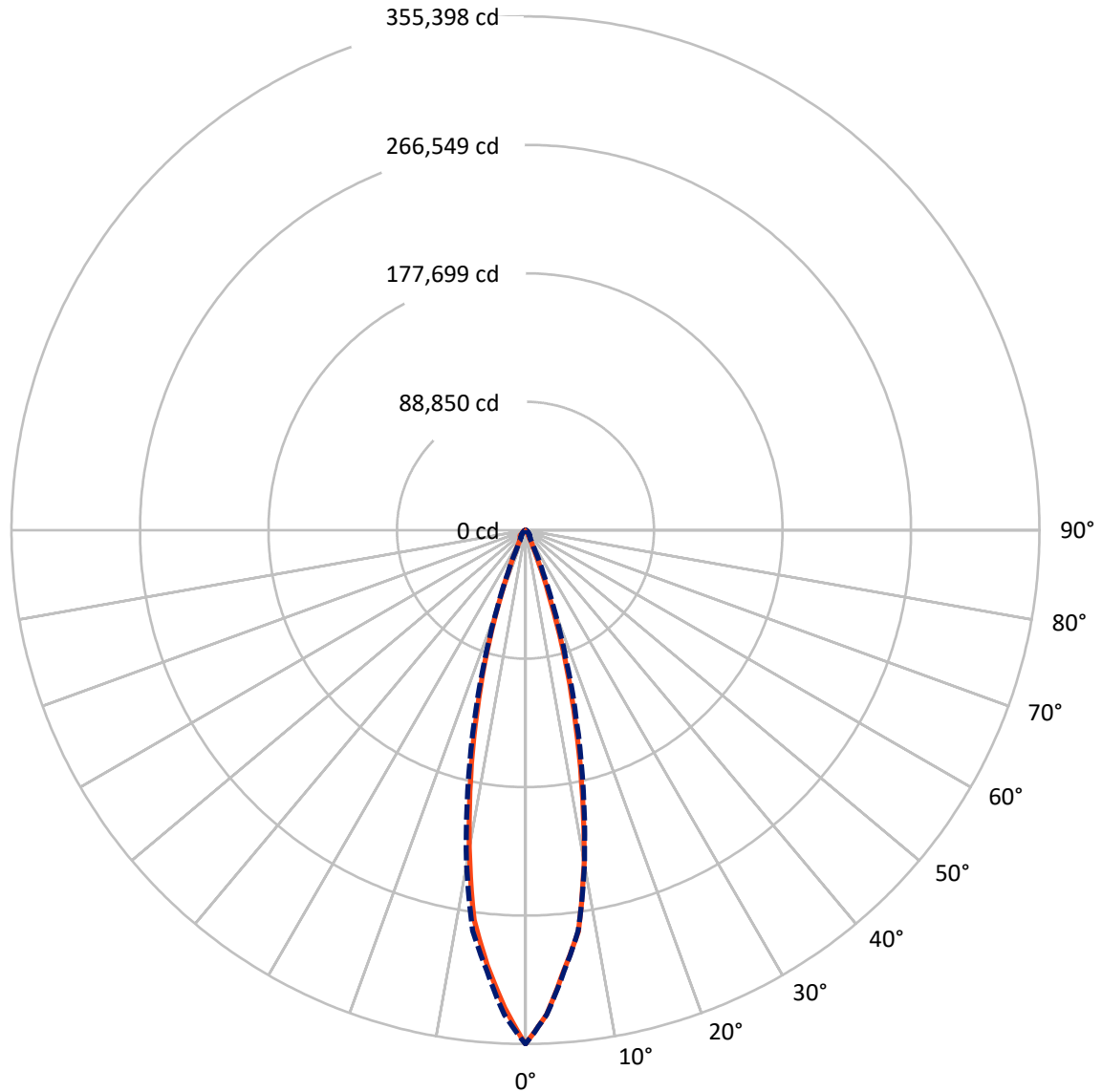
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### Lumen Table

90	0.2	0.6	1.2	1.9	2.2	1.9	1.2	0.6	0.2										
80	0.2	0.6	1.2	1.9	2.2	1.9	1.2	0.6	0.2										
70	0.2	0.1	0.2	0.6	0.7	0.6	0.5	0.5	0.5	0.5	0.6	0.7	0.6	0.2	0.1	0.2			
60		0.4	0.8	1.0	0.9	0.9	1.2	1.4	1.4	1.2	0.9	0.9	1.0	0.8	0.4				
50	0.7	1.1	2.7	5.6	10.3	17.6	25.1	28.4	28.4	25.1	17.6	10.3	5.6	2.7	1.1	0.7			
40		2.8	8.5	17.5	32.9	54.6	66.0	77.4	77.4	66.0	54.6	32.9	17.5	8.5	2.8				
30	1.8	4.6	14.2	31.3	70.0	90.1	194.5	425.4	425.4	194.5	90.1	70.0	31.3	14.2	4.6	1.8			
20		6.1	18.8	50.8	100.5	243.0	1463.5	3538.1	3538.1	1463.5	243.0	100.5	50.8	18.8	6.1				
10	2.7	7.4	21.7	64.8	121.7	539.3	3554.5	8096.2	8096.2	3554.5	539.3	121.7	64.8	21.7	7.4	2.7			
0		8.1	23.9	68.5	134.8	555.8	3576.1	8012.1	8012.1	3576.1	555.8	134.8	68.5	23.9	8.1				
-10	2.9	8.2	24.7	66.2	134.4	298.0	1526.0	3571.1	3571.1	1526.0	298.0	134.4	66.2	24.7	8.2	2.9			
-20		7.6	23.5	52.3	120.9	182.5	316.3	601.5	601.5	316.3	182.5	120.9	52.3	23.5	7.6				
-30	2.5	6.5	20.1	41.8	83.5	146.0	180.2	200.0	200.0	180.2	146.0	83.5	41.8	20.1	6.5	2.5			
-40		5.0	15.4	32.4	52.9	78.0	114.4	142.5	142.5	114.4	78.0	52.9	32.4	15.4	5.0				
-50	2.0	3.4	10.0	21.2	35.6	48.5	58.8	65.3	65.3	58.8	48.5	35.6	21.2	10.0	3.4	2.0			
-60		2.4	5.3	10.9	18.5	25.6	32.2	36.3	36.3	32.2	25.6	18.5	10.9	5.3	2.4				
-70	1.5	8.7	20.2	33.0	40.5	33.0	20.2	8.7	1.5							1.5			
-80		8.7	20.2	33.0	40.5	33.0	20.2	8.7	1.5										
-90	1.5	8.7	20.2	33.0	40.5	33.0	20.2	8.7	1.5										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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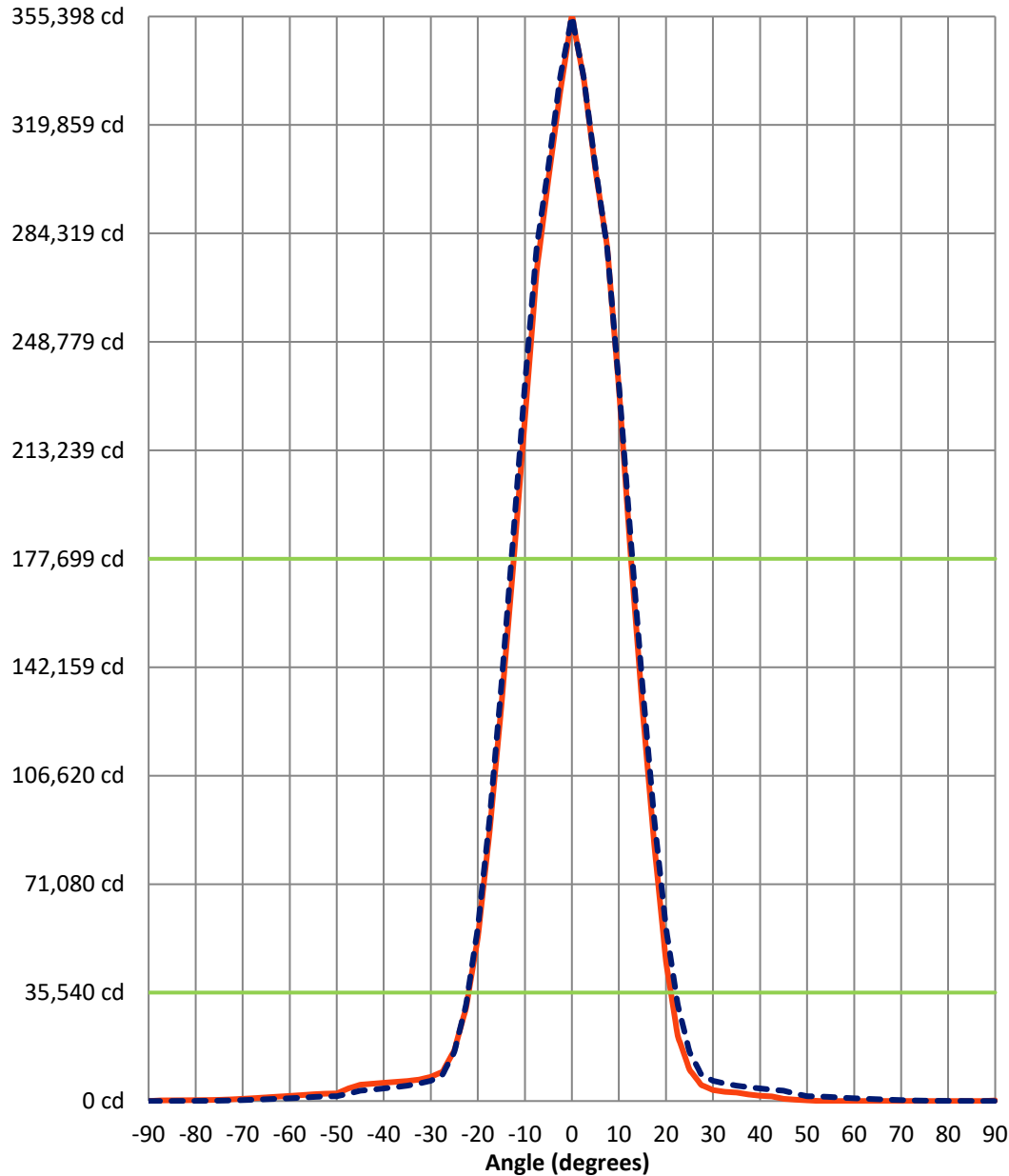
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 25.7°  
 V Angle: 24.9°  
 Lumens: 38203.6  
 Efficiency: 47.8%

**Field:**  
 H Angle: 44.2°  
 V Angle: 43°  
 Lumens: 66942.2  
 Efficiency: 83.8%

**Spill:**  
 Lumens: 12905.2  
 Efficiency: 16.2%

— 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°	2.9	11.9	20.9	33.7	46.6	57.5	68.5	76.6	84.7	91.4	98.0
87.5°	2.9	3.1	3.1	3.1	3.2	3.2	3.1	2.8	2.6	2.5	2.3
85°	2.9	3.4	3.2	3.4	3.6	3.5	3.4	3.2	3.2	3.0	2.8
82.5°	2.9	3.6	3.4	3.6	3.9	3.8	3.6	3.7	3.8	3.5	3.2
80°	2.9	3.8	3.6	3.9	4.2	4.1	3.9	4.1	4.2	3.9	3.6
77.5°	2.9	4.0	3.8	4.1	4.5	4.5	4.4	4.5	4.6	4.3	4.0
75°	2.9	4.3	4.0	4.4	4.9	5.1	5.0	5.0	5.0	4.9	4.5
72.5°	2.9	4.5	4.2	4.6	5.4	5.6	5.5	5.6	5.8	5.5	5.1
70°	2.9	4.7	4.5	4.9	5.9	6.2	6.2	6.6	6.6	6.3	6.4
67.5°	2.9	5.0	4.7	5.5	6.5	6.8	7.3	7.6	7.5	7.9	7.9
65°	2.9	5.2	5.0	6.0	7.1	7.7	8.6	8.7	9.5	9.7	9.7
62.5°	2.9	5.5	5.3	6.6	7.7	9.0	9.9	10.5	11.6	11.7	11.7
60°	2.9	5.7	5.7	7.2	8.3	10.3	11.2	12.8	13.9	14.2	13.9
57.5°	2.9	6.0	6.3	7.8	9.6	11.6	13.3	15.1	16.9	17.1	18.9
55°	2.9	6.2	7.0	8.4	10.9	13.1	15.6	17.6	20.3	21.4	25.6
52.5°	2.9	6.5	7.6	9.0	12.3	14.6	17.9	21.1	24.0	29.5	32.8
50°	2.9	6.7	8.3	9.7	13.7	16.7	20.2	24.8	29.4	38.3	46.1
47.5°	2.9	7.0	9.0	10.4	15.1	18.9	22.6	28.8	38.3	47.9	62.1
45°	2.9	7.3	9.8	11.5	16.5	21.2	26.2	32.9	47.6	64.2	79.8
42.5°	2.9	7.5	10.5	12.6	18.0	23.6	29.8	39.6	57.4	81.8	107.0
40°	2.9	7.8	11.3	14.0	19.7	26.0	33.8	48.4	69.7	100.6	137.6
37.5°	2.9	8.0	12.0	15.6	21.6	28.5	38.1	57.4	86.9	123.0	170.4
35°	2.9	8.3	12.8	17.2	23.6	31.7	42.5	66.5	104.9	151.9	207.0
32.5°	2.9	8.6	13.6	18.7	25.5	35.2	48.0	76.1	123.4	180.9	243.4
30°	2.9	8.8	14.3	20.3	27.4	38.7	55.9	87.2	142.6	210.0	277.5
27.5°	2.9	9.1	15.1	21.9	29.9	42.2	63.7	101.7	162.0	239.0	309.1
25°	2.9	9.3	15.9	23.4	32.4	45.7	71.3	115.4	181.6	266.2	338.5
22.5°	2.9	9.6	16.7	25.0	34.8	49.2	78.8	128.3	199.6	284.6	370.6
20°	2.9	9.8	17.4	26.5	37.2	52.8	86.0	140.3	215.9	301.7	396.5
17.5°	2.9	10.1	18.2	28.0	39.5	56.2	92.8	151.4	230.4	317.4	420.9
15°	2.9	10.3	18.9	29.5	41.7	59.5	98.9	161.4	243.3	331.7	443.9
12.5°	2.9	10.5	19.6	30.9	43.9	62.6	104.7	170.3	256.4	344.5	465.4
10°	2.9	10.7	20.3	32.2	46.0	65.5	109.9	178.3	269.8	363.6	488.9
7.5°	2.9	10.9	21.0	33.6	48.0	68.2	114.6	185.4	282.2	382.8	518.2
5°	2.9	11.1	21.6	34.8	49.9	70.8	118.8	191.5	293.3	400.8	545.4
2.5°	2.9	11.2	22.2	36.0	51.6	73.1	122.5	196.7	303.0	417.3	570.0
0°	2.9	11.4	22.8	37.1	53.3	75.2	125.6	200.8	311.1	431.9	591.8
-2.5°	2.9	11.9	23.8	38.7	55.7	78.4	129.6	207.6	320.3	441.8	601.9
-5°	2.9	12.3	24.8	40.3	57.9	81.3	133.0	213.3	327.6	449.6	608.8
-7.5°	2.9	12.8	25.7	41.8	60.0	84.0	135.8	217.7	332.9	455.2	612.5
-10°	2.9	13.2	26.6	43.2	61.9	86.5	138.0	220.8	336.3	458.6	613.0
-12.5°	2.9	13.6	27.4	44.4	63.7	88.6	139.4	222.4	337.5	459.6	611.6
-15°	2.9	13.9	28.2	45.6	65.4	90.6	140.2	222.5	335.5	456.7	606.9
-17.5°	2.9	14.3	28.9	46.6	66.8	92.2	140.3	220.5	330.1	451.3	597.9
-20°	2.9	14.6	29.5	47.6	68.1	93.6	139.8	216.8	322.7	443.4	584.5



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 CATALOG NUMBER: EPH-08-530N-57-80-3S-VHE-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	2.9	14.9	30.1	48.4	69.2	94.6	138.7	211.7	313.3	432.8	567.0
-25°	2.9	15.2	30.6	49.1	70.1	95.6	136.9	205.3	302.0	419.6	548.6
-27.5°	2.9	15.4	31.0	49.7	70.8	96.4	134.4	197.6	288.8	407.6	535.4
-30°	2.9	15.6	31.4	50.1	71.4	96.9	131.1	188.5	278.1	394.4	519.5
-32.5°	2.9	15.8	31.7	50.4	72.1	97.1	127.1	182.7	268.9	379.0	500.5
-35°	2.9	15.9	31.9	50.6	72.6	97.0	125.7	177.6	257.4	361.5	478.4
-37.5°	2.9	16.1	32.1	50.7	72.9	97.0	125.3	171.9	243.4	342.0	455.1
-40°	2.9	16.2	32.2	50.6	73.1	97.1	124.5	165.1	227.1	322.8	428.9
-42.5°	2.9	16.2	32.2	50.5	73.1	97.1	123.4	157.0	214.9	299.9	398.5
-45°	2.9	16.3	32.2	50.4	73.0	96.8	121.9	150.9	204.2	274.4	364.9
-47.5°	2.9	16.3	32.0	50.2	72.7	96.3	119.9	148.5	192.1	247.0	333.7
-50°	2.9	16.2	31.9	50.1	72.2	95.5	118.6	145.6	177.8	230.7	300.0
-52.5°	2.9	16.2	31.6	49.9	71.5	94.6	117.1	142.0	169.9	213.1	265.2
-55°	2.9	16.1	31.2	49.5	70.6	93.1	115.2	138.2	164.7	194.3	243.1
-57.5°	2.9	15.9	30.8	49.1	69.5	91.5	113.1	135.6	159.0	184.8	219.9
-60°	2.9	15.8	30.4	48.5	68.2	89.6	110.6	132.3	153.3	177.9	200.7
-62.5°	2.9	15.6	29.9	47.8	67.2	87.5	108.0	128.6	148.7	170.1	191.2
-65°	2.9	15.4	29.4	47.0	66.0	85.2	105.2	124.6	143.7	163.1	181.0
-67.5°	2.9	15.2	28.8	46.0	64.6	82.9	102.1	120.5	138.3	156.3	172.5
-70°	2.9	14.9	28.1	45.0	63.1	80.5	98.8	116.2	133.1	149.1	164.6
-72.5°	2.9	14.6	27.4	43.9	61.4	78.0	95.3	111.5	127.6	142.2	156.4
-75°	2.9	14.3	26.6	42.7	59.5	75.2	91.5	106.6	121.7	134.9	147.8
-77.5°	2.9	13.9	25.8	41.4	57.6	72.2	87.5	101.3	115.3	127.3	138.8
-80°	2.9	13.6	24.9	40.1	55.7	69.4	83.3	95.9	108.7	119.3	129.8
-82.5°	2.9	13.2	24.0	38.6	53.6	66.6	79.7	90.6	101.7	111.2	120.7
-85°	2.9	12.8	23.0	37.1	51.4	63.7	76.1	86.1	96.1	104.2	112.2
-87.5°	2.9	12.3	22.0	35.5	49.0	60.7	72.4	81.4	90.5	97.8	105.2
-90°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.4	1.9	1.9	1.9



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	103.3	108.5	113.3	118.0	122.3	126.5	132.3	138.0	142.3	146.5	150.8
87.5°	2.4	2.4	2.4	2.5	2.2	1.9	1.9	1.9	1.8	1.7	1.7
85°	2.8	2.9	2.9	2.9	2.5	2.2	2.3	2.3	2.4	2.4	2.2
82.5°	3.2	3.3	3.2	2.9	2.8	2.8	2.9	2.9	2.9	2.9	2.6
80°	3.7	3.8	3.5	3.2	3.3	3.4	3.3	3.0	2.9	3.0	3.1
77.5°	4.0	3.9	3.7	3.7	3.8	4.0	4.0	3.9	3.9	3.7	3.8
75°	4.3	4.0	4.1	3.9	4.0	4.5	4.8	4.8	4.6	4.5	4.5
72.5°	5.0	5.0	4.8	4.3	4.4	4.8	4.8	4.8	6.0	7.9	9.5
70°	6.2	6.1	5.8	5.4	5.2	5.6	7.2	9.9	12.8	15.5	18.1
67.5°	7.5	7.4	6.9	6.9	7.9	9.5	11.5	18.2	25.2	27.7	28.1
65°	8.9	8.7	8.8	9.9	11.2	16.0	22.1	30.2	37.0	36.5	33.7
62.5°	10.6	11.8	11.9	14.2	18.8	24.6	31.7	38.7	44.7	41.8	34.8
60°	15.1	15.9	18.1	22.4	27.3	33.0	40.4	42.7	44.2	43.1	33.8
57.5°	20.8	23.2	27.7	31.7	37.6	40.1	40.7	40.3	42.9	41.2	31.8
55°	29.1	33.3	39.3	43.5	46.9	41.9	41.4	44.0	43.7	40.0	30.9
52.5°	41.5	45.9	54.4	57.5	54.8	50.9	49.5	51.9	50.0	45.0	39.0
50°	55.0	65.7	71.3	73.8	68.9	68.4	63.4	66.5	69.2	66.8	75.2
47.5°	75.6	88.6	92.6	97.1	94.7	103.4	98.9	115.3	116.5	164.3	178.7
45°	100.4	117.8	122.6	134.0	146.7	161.8	188.2	195.2	273.8	321.7	378.4
42.5°	130.4	152.2	171.8	178.4	234.8	265.5	305.0	378.2	451.4	511.7	553.9
40°	168.9	191.1	232.6	282.2	342.3	394.4	469.7	554.5	624.3	670.5	692.2
37.5°	211.3	254.7	309.1	389.3	462.4	528.7	624.9	709.7	771.6	814.4	819.9
35°	256.9	318.5	407.6	488.8	564.3	654.1	749.6	847.2	897.9	916.3	995.0
32.5°	309.9	380.6	486.2	574.4	659.4	761.2	862.8	947.0	991.8	1043.8	1310.0
30°	360.2	445.8	550.9	644.6	749.9	865.9	963.0	1042.4	1073.4	1346.7	1777.2
27.5°	400.3	502.4	607.9	721.0	841.8	974.4	1072.4	1123.9	1301.3	1705.8	2328.1
25°	437.7	547.6	665.4	806.7	944.2	1075.6	1175.2	1208.2	1577.0	2263.0	2726.9
22.5°	474.3	591.6	728.9	897.3	1038.2	1160.8	1244.1	1443.8	1972.3	2841.1	3082.0
20°	510.8	643.8	797.9	965.9	1121.2	1235.7	1299.7	1692.3	2452.3	3063.3	3334.2
17.5°	546.1	696.3	861.2	1023.6	1180.2	1296.2	1378.9	1901.9	2832.5	3262.6	3529.2
15°	580.4	741.0	910.1	1077.7	1237.5	1349.2	1573.8	2209.4	3068.7	3503.7	3785.3
12.5°	613.3	779.3	946.1	1124.7	1292.9	1400.7	1775.9	2582.1	3315.1	3741.2	4045.7
10°	644.4	811.5	977.4	1167.5	1344.5	1445.5	1965.5	2930.3	3540.6	3910.3	4186.3
7.5°	675.7	840.6	1005.7	1206.3	1393.0	1486.4	2125.9	3120.8	3629.1	4022.0	4285.5
5°	703.4	867.4	1039.2	1254.0	1440.1	1523.9	2261.3	3249.0	3657.1	4077.8	4356.9
2.5°	727.0	889.7	1068.6	1298.6	1482.5	1558.0	2353.6	3346.7	3691.1	4117.5	4445.6
0°	746.9	907.7	1093.2	1336.8	1518.5	1588.9	2414.7	3399.4	3712.5	4134.9	4544.0
-2.5°	761.4	931.6	1132.5	1369.2	1548.0	1621.1	2433.9	3422.0	3743.7	4230.9	4764.9
-5°	772.2	950.8	1165.5	1394.9	1572.1	1650.9	2420.2	3400.9	3780.9	4319.6	4905.3
-7.5°	778.9	964.7	1190.8	1414.2	1592.1	1684.4	2379.0	3376.7	3897.4	4430.7	4976.0
-10°	782.0	971.8	1194.7	1421.4	1608.1	1717.9	2308.4	3294.8	3981.7	4473.2	4981.8
-12.5°	784.8	973.3	1190.0	1420.1	1618.1	1748.6	2219.7	3196.4	4059.3	4489.1	4945.7
-15°	782.4	970.3	1179.5	1411.3	1630.9	1787.4	2106.2	3013.8	4093.9	4472.4	4877.9
-17.5°	774.5	962.9	1165.0	1399.9	1639.0	1823.6	1957.5	2732.4	3907.7	4420.8	4826.3
-20°	761.0	949.5	1144.2	1378.1	1634.6	1839.2	1953.7	2526.5	3517.8	4319.3	4749.7



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**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	743.2	930.3	1119.5	1349.1	1608.9	1832.7	1980.9	2299.6	3076.0	4170.7	4634.1
-25°	722.3	906.1	1094.0	1317.9	1573.0	1820.4	1995.9	2090.5	2710.8	3667.1	4450.5
-27.5°	698.3	877.2	1065.1	1276.3	1526.1	1783.8	1971.6	2096.3	2413.8	3091.3	4171.7
-30°	669.8	843.9	1027.6	1228.0	1468.7	1714.7	1929.9	2088.7	2181.4	2698.3	3566.9
-32.5°	637.6	805.6	985.0	1181.7	1403.8	1640.2	1867.9	2039.5	2166.7	2335.9	2997.5
-35°	606.9	766.4	937.7	1129.5	1334.3	1556.4	1770.0	1972.6	2132.1	2241.0	2510.0
-37.5°	579.8	723.6	888.2	1072.9	1270.1	1460.2	1664.2	1873.1	2055.9	2206.6	2301.8
-40°	548.7	677.6	837.2	1011.8	1187.5	1362.9	1553.5	1752.9	1954.3	2119.8	2265.0
-42.5°	514.0	638.8	781.6	940.6	1102.0	1267.8	1437.4	1626.3	1816.1	2004.8	2157.9
-45°	475.4	595.4	722.4	865.3	1011.7	1168.1	1328.9	1492.1	1671.6	1849.7	2017.2
-47.5°	432.0	547.3	668.3	785.0	921.0	1064.5	1214.6	1368.6	1522.2	1685.8	1847.5
-50°	386.7	493.7	605.5	712.3	828.5	959.1	1096.9	1240.3	1385.2	1522.4	1664.7
-52.5°	344.7	435.4	537.6	640.1	742.1	853.1	977.7	1107.1	1241.3	1374.8	1495.2
-55°	299.5	380.9	465.9	562.6	660.1	756.2	857.3	974.4	1088.4	1211.2	1329.5
-57.5°	265.6	325.5	400.0	480.4	571.7	664.6	754.1	842.3	941.6	1044.4	1148.8
-60°	238.6	280.6	337.6	406.1	478.0	563.7	651.7	733.1	808.1	884.7	979.2
-62.5°	213.6	248.1	287.7	335.4	397.9	461.6	537.3	615.0	687.9	757.9	828.2
-65°	201.5	219.6	249.5	285.1	320.8	375.1	433.1	492.6	559.4	623.6	689.0
-67.5°	188.7	205.9	222.4	241.8	274.0	305.7	337.0	389.4	441.7	488.9	536.5
-70°	178.9	192.3	207.2	221.7	236.3	254.9	283.4	312.7	341.0	372.3	412.3
-72.5°	169.2	181.3	193.3	205.0	218.2	231.6	245.2	259.5	280.3	304.5	326.3
-75°	159.3	169.8	180.4	190.9	201.8	212.9	224.4	237.1	250.0	263.0	274.6
-77.5°	149.3	159.2	168.2	177.0	186.3	196.2	206.5	216.8	227.4	238.2	247.2
-80°	139.1	148.3	156.3	164.0	172.0	180.1	188.9	197.9	206.7	215.8	223.7
-82.5°	128.6	136.5	143.6	150.5	157.4	164.2	171.9	179.6	187.3	195.0	201.7
-85°	118.4	124.4	130.6	136.6	142.7	148.6	155.4	162.2	168.7	175.1	180.9
-87.5°	110.9	116.5	121.6	126.7	131.5	136.3	142.2	148.0	153.0	158.1	162.8
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.5	1.0	1.0



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	155.1	158.0	160.8	163.2	165.5	168.9	172.2	177.0	181.7	187.4	193.1
87.5°	1.7	1.8	1.8	1.4	1.0	1.0	1.0	1.0	1.0	1.4	1.9
85°	1.9	1.9	1.9	2.2	2.5	2.6	2.7	2.7	2.8	2.8	2.9
82.5°	2.4	2.4	2.5	2.7	2.9	2.9	2.9	2.9	2.9	3.3	3.7
80°	3.1	3.2	3.3	3.4	3.5	3.3	2.9	2.9	2.9	3.3	3.8
77.5°	3.9	3.9	3.8	3.7	3.4	3.1	2.9	2.9	2.9	2.9	3.0
75°	4.7	4.8	5.1	5.4	5.8	5.9	5.5	5.6	5.9	5.8	5.5
72.5°	10.5	10.8	10.7	12.0	13.2	13.6	14.0	14.9	16.0	17.4	19.1
70°	20.4	22.5	23.4	23.5	22.5	21.9	21.5	21.3	21.7	22.7	24.0
67.5°	29.5	30.4	30.0	29.5	27.8	25.7	23.3	22.0	22.5	23.6	25.1
65°	33.3	30.7	28.8	28.1	26.5	23.8	20.2	17.7	17.2	16.8	16.7
62.5°	29.9	25.3	23.0	21.7	19.4	17.2	13.9	11.3	10.3	9.7	9.5
60°	26.1	20.3	16.7	15.0	12.5	9.7	8.0	6.1	5.5	5.1	5.3
57.5°	22.7	16.8	12.6	11.9	9.6	7.6	6.1	4.5	4.1	3.8	3.9
55°	23.4	20.4	17.1	15.3	12.7	11.6	10.2	9.3	8.4	8.6	9.2
52.5°	33.0	35.5	31.2	30.1	37.5	37.6	31.0	41.1	47.3	52.0	53.3
50°	85.2	84.6	112.4	107.7	133.4	154.4	155.3	168.1	192.4	209.0	218.0
47.5°	226.3	251.7	284.1	318.1	344.8	378.0	411.6	436.7	442.9	443.6	448.0
45°	426.0	462.2	511.0	546.8	597.2	628.2	654.0	677.3	731.3	780.9	838.7
42.5°	594.8	634.4	685.0	757.7	810.8	952.4	1169.1	1222.3	1230.0	1274.1	1338.3
40°	728.1	780.0	892.4	1051.6	1391.1	1695.5	1750.4	1796.2	1816.3	1791.8	1835.4
37.5°	889.5	1011.2	1264.1	1699.8	1860.7	1943.5	2001.8	2036.9	2079.4	2118.7	2140.1
35°	1157.4	1496.7	1718.4	1951.0	2056.2	2098.2	2141.0	2184.1	2217.6	2261.1	2295.9
32.5°	1707.3	2085.0	2107.3	2164.7	2219.6	2274.3	2314.2	2355.3	2391.0	2447.3	2565.7
30°	2261.2	2343.6	2363.8	2369.0	2419.0	2484.5	2519.2	2602.1	2714.1	2842.6	3116.0
27.5°	2556.2	2612.8	2624.6	2630.3	2653.6	2731.0	2874.6	2987.8	3256.7	3583.0	4285.4
25°	2915.3	2955.6	2998.3	2996.5	3031.9	3169.1	3449.8	3688.9	4597.1	5446.9	7277.8
22.5°	3257.9	3379.8	3440.5	3521.9	3642.2	3891.8	4384.2	5767.6	8080.6	11032.2	14706.8
20°	3496.0	3660.0	3823.4	4050.4	4341.1	4859.1	6397.6	10537.2	15480.8	22654.1	28670.6
17.5°	3736.2	3921.5	4210.4	4560.7	5048.8	6788.3	11298.8	18327.6	28479.7	41214.7	52388.3
15°	4049.3	4269.2	4656.2	5156.3	6520.0	10233.1	17757.5	30547.1	45980.2	63882.0	82660.8
12.5°	4262.6	4565.6	5025.6	5671.5	7909.9	14864.2	26979.1	44512.2	65753.3	88310.1	118243.9
10°	4420.3	4782.5	5407.3	6746.5	10805.3	19975.9	34534.1	56415.2	85536.3	119914.4	154137.6
7.5°	4552.6	5040.4	5824.9	7512.3	13303.4	24865.3	43422.5	70018.0	104473.1	145897.1	185695.8
5°	4671.6	5318.3	6226.7	8337.8	15541.7	28405.3	49333.5	80176.8	120076.1	165318.0	209258.5
2.5°	4828.8	5578.4	6487.4	8565.0	16437.7	30366.9	54017.2	88379.8	131216.5	178807.9	226615.3
0°	5047.3	5747.6	6646.7	8710.3	16159.0	31595.9	56887.6	92496.7	136098.6	184473.8	234615.9
-2.5°	5219.1	5845.0	6739.5	8593.1	16022.8	31017.9	55592.2	90096.9	131318.9	178063.4	228080.7
-5°	5330.1	5914.9	6780.2	8636.9	15679.0	28808.7	51765.9	83809.3	121585.6	163781.5	210032.5
-7.5°	5395.1	5940.6	6738.0	8361.6	14117.3	25799.1	44955.2	72219.8	106108.2	145153.9	183377.3
-10°	5434.0	5924.0	6649.7	7971.9	11874.6	20966.4	35491.1	58598.5	87960.9	119423.6	150688.8
-12.5°	5448.6	5889.0	6525.3	7414.0	9520.7	16414.1	28252.3	44651.6	66447.6	92256.5	119806.4
-15°	5420.0	5838.1	6405.1	7174.5	8576.1	12304.8	19714.0	30867.4	47113.4	66818.5	86782.5
-17.5°	5313.5	5785.6	6227.0	6817.7	7642.7	9401.2	13910.6	21069.6	30976.8	44001.6	55519.7
-20°	5172.5	5686.6	6064.5	6586.6	7234.4	8039.2	9485.3	13854.4	19409.7	26950.2	34467.8



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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°	5046.9	5517.3	5992.4	6350.8	6858.1	7387.1	8040.2	9290.0	12081.5	15846.1	20611.7
-25°	4931.1	5361.6	5849.2	6236.7	6522.9	6896.9	7306.0	7743.9	8692.1	9581.1	11880.2
-27.5°	4767.9	5213.9	5636.8	6050.5	6326.3	6496.0	6774.8	7046.9	7444.0	7797.1	8472.3
-30°	4578.2	5014.5	5416.9	5792.7	6075.3	6253.8	6392.1	6579.2	6789.3	7003.1	7293.3
-32.5°	3902.0	4780.3	5154.9	5494.2	5785.6	5995.5	6141.9	6264.8	6386.1	6522.9	6675.9
-35°	3161.2	4028.7	4874.0	5138.5	5413.9	5691.8	5908.8	6024.8	6130.4	6226.2	6319.8
-37.5°	2570.2	3182.3	3940.9	4661.9	4996.5	5277.1	5538.0	5740.6	5888.6	5978.4	6062.6
-40°	2338.9	2494.0	3077.4	3671.2	4242.1	4760.5	5025.8	5325.3	5568.7	5700.6	5792.2
-42.5°	2283.6	2354.8	2409.3	2785.4	3239.6	3676.7	4160.4	4640.6	5017.4	5268.6	5455.4
-45°	2162.4	2265.0	2346.2	2379.7	2400.3	2718.9	3093.6	3460.3	3883.3	4320.4	4717.2
-47.5°	1990.9	2124.1	2215.9	2287.7	2330.7	2344.1	2370.5	2452.7	2759.9	3083.0	3390.5
-50°	1799.4	1921.5	2031.5	2131.4	2190.9	2239.1	2285.2	2329.4	2366.9	2414.2	2456.8
-52.5°	1606.6	1718.5	1817.4	1905.1	1983.9	2060.0	2133.2	2187.8	2241.2	2298.5	2345.1
-55°	1434.9	1525.7	1608.5	1685.5	1756.6	1820.9	1887.0	1957.6	2030.7	2102.1	2157.7
-57.5°	1251.4	1338.1	1416.6	1481.9	1539.1	1587.1	1647.7	1713.9	1782.6	1846.3	1894.7
-60°	1066.3	1143.0	1214.8	1278.0	1332.3	1377.0	1433.0	1489.0	1550.3	1604.8	1647.8
-62.5°	890.5	955.1	1016.1	1071.4	1120.7	1166.0	1215.8	1265.8	1323.4	1374.1	1415.2
-65°	744.3	794.4	836.2	875.4	905.9	945.1	993.2	1039.4	1089.5	1133.5	1170.1
-67.5°	586.0	632.3	670.5	704.8	731.6	759.6	795.3	832.0	871.0	905.9	936.6
-70°	447.8	478.9	503.7	529.3	556.8	583.5	612.0	643.5	676.1	705.0	730.3
-72.5°	345.4	360.8	375.3	396.1	414.6	433.2	451.2	473.7	498.0	519.8	539.6
-75°	285.3	294.8	306.0	315.8	324.4	334.3	344.3	359.0	374.8	389.9	404.0
-77.5°	256.0	262.9	268.5	273.0	277.0	283.1	289.5	300.4	312.1	324.9	337.6
-80°	231.1	236.4	241.1	245.1	248.7	253.7	258.9	268.4	278.4	289.2	299.9
-82.5°	208.2	212.3	216.1	219.7	223.3	227.5	231.7	240.1	248.7	257.7	266.6
-85°	186.5	190.0	193.3	196.4	199.3	202.9	206.5	213.6	220.8	228.4	236.0
-87.5°	167.5	170.7	173.9	176.7	179.3	182.5	185.6	191.9	198.2	204.6	210.9
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	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°	193.6	194.1	194.6	195.0	194.6	194.1	193.6	193.1	187.4	181.7	177.0
87.5°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.4	1.0	1.0
85°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.7
82.5°	3.3	2.9	3.3	3.8	3.3	2.9	3.3	3.7	3.3	2.9	2.9
80°	3.4	2.9	3.3	3.8	3.3	2.9	3.4	3.8	3.3	2.9	2.9
77.5°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.0	2.9	2.9	2.9
75°	4.7	3.8	3.4	2.9	3.4	3.8	4.7	5.5	5.8	5.9	5.6
72.5°	19.5	19.6	19.9	20.0	19.9	19.6	19.5	19.1	17.4	16.0	14.9
70°	24.8	25.5	25.7	25.7	25.7	25.5	24.8	24.0	22.7	21.7	21.3
67.5°	25.3	24.8	24.3	23.8	24.3	24.8	25.3	25.1	23.6	22.5	22.0
65°	15.8	14.8	13.1	11.4	13.1	14.8	15.8	16.7	16.8	17.2	17.7
62.5°	9.2	8.9	8.7	8.6	8.7	8.9	9.2	9.5	9.7	10.3	11.3
60°	5.4	5.7	5.7	5.7	5.7	5.7	5.4	5.3	5.1	5.5	6.1
57.5°	4.1	4.7	5.2	5.7	5.2	4.7	4.1	3.9	3.8	4.1	4.5
55°	9.7	10.8	11.3	11.4	11.3	10.8	9.7	9.2	8.6	8.4	9.3
52.5°	51.4	48.8	46.5	44.7	46.5	48.8	51.4	53.3	52.0	47.3	41.1
50°	222.1	227.9	230.6	230.2	230.6	227.9	222.1	218.0	209.0	192.4	168.1
47.5°	457.4	460.6	458.0	451.0	458.0	460.6	457.4	448.0	443.6	442.9	436.7
45°	909.4	870.0	800.0	738.3	800.0	870.0	909.4	838.7	780.9	731.3	677.3
42.5°	1423.5	1470.7	1506.0	1522.3	1506.0	1470.7	1423.5	1338.3	1274.1	1230.0	1222.3
40°	1786.4	1736.0	1725.8	1733.5	1725.8	1736.0	1786.4	1835.4	1791.8	1816.3	1796.2
37.5°	2145.5	2191.3	2225.2	2170.2	2225.2	2191.3	2145.5	2140.1	2118.7	2079.4	2036.9
35°	2376.8	2539.6	2730.7	2788.6	2730.7	2539.6	2376.8	2295.9	2261.1	2217.6	2184.1
32.5°	2763.7	2935.6	3010.1	3028.4	3010.1	2935.6	2763.7	2565.7	2447.3	2391.0	2355.3
30°	3379.3	3551.0	3581.9	3606.9	3581.9	3551.0	3379.3	3116.0	2842.6	2714.1	2602.1
27.5°	4751.6	5135.6	5226.8	5290.9	5226.8	5135.6	4751.6	4285.4	3583.0	3256.7	2987.8
25°	8723.2	9722.3	10374.9	10311.6	10374.9	9722.3	8723.2	7277.8	5446.9	4597.1	3688.9
22.5°	18388.6	20349.6	21396.2	21377.6	21396.2	20349.6	18388.6	14706.8	11032.2	8080.6	5767.6
20°	37242.3	43045.2	46186.0	45828.3	46186.0	43045.2	37242.3	28670.6	22654.1	15480.8	10537.2
17.5°	64938.7	76146.5	83976.5	84297.3	83976.5	76146.5	64938.7	52388.3	41214.7	28479.7	18327.6
15°	100414.6	117044.2	128783.6	128782.1	128783.6	117044.2	100414.6	82660.8	63882.0	45980.2	30547.1
12.5°	143590.8	163468.6	176900.4	178914.7	176900.4	163468.6	143590.8	118243.9	88310.1	65753.3	44512.2
10°	185028.6	207544.2	227850.0	233440.9	227850.0	207544.2	185028.6	154137.6	119914.4	85536.3	56415.2
7.5°	220102.3	255521.0	274017.7	279843.3	274017.7	255521.0	220102.3	185695.8	145897.1	104473.1	70018.0
5°	254529.4	285187.3	300716.8	305212.6	300716.8	285187.3	254529.4	209258.5	165318.0	120076.1	80176.8
2.5°	272639.1	300779.9	322606.9	335265.3	322606.9	300779.9	272639.1	226615.3	178807.9	131216.5	88379.8
0°	279452.8	306188.8	335460.8	355398.4	335460.8	306188.8	279452.8	234615.9	184473.8	136098.6	92496.7
-2.5°	272637.6	298507.9	320079.5	330581.9	320079.5	298507.9	272637.6	228080.7	178063.4	131318.9	90096.9
-5°	251978.7	282408.0	298113.8	302090.0	298113.8	282408.0	251978.7	210032.5	163781.5	121585.6	83809.3
-7.5°	218983.4	248248.7	267505.1	271842.3	267505.1	248248.7	218983.4	183377.3	145153.9	106108.2	72219.8
-10°	182250.0	207247.5	220238.5	223450.9	220238.5	207247.5	182250.0	150688.8	119423.6	87960.9	58598.5
-12.5°	141612.3	159944.4	173205.3	175005.3	173205.3	159944.4	141612.3	119806.4	92256.5	66447.6	44651.6
-15°	105408.5	117532.4	128223.4	129451.9	128223.4	117532.4	105408.5	86782.5	66818.5	47113.4	30867.4
-17.5°	70618.2	80655.8	86637.7	88363.7	86637.7	80655.8	70618.2	55519.7	44001.6	30976.8	21069.6
-20°	42312.0	49494.6	53481.1	53630.9	53481.1	49494.6	42312.0	34467.8	26950.2	19409.7	13854.4



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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°	24547.4	28543.8	30653.1	30612.1	30653.1	28543.8	24547.4	20611.7	15846.1	12081.5	9290.0
-25°	14156.9	15906.8	16605.1	16630.0	16605.1	15906.8	14156.9	11880.2	9581.1	8692.1	7743.9
-27.5°	9014.3	9416.0	9576.9	9602.7	9576.9	9416.0	9014.3	8472.3	7797.1	7444.0	7046.9
-30°	7557.8	7792.8	7900.8	7931.1	7900.8	7792.8	7557.8	7293.3	7003.1	6789.3	6579.2
-32.5°	6819.4	6948.9	7036.2	7023.4	7036.2	6948.9	6819.4	6675.9	6522.9	6386.1	6264.8
-35°	6411.2	6491.3	6540.4	6563.9	6540.4	6491.3	6411.2	6319.8	6226.2	6130.4	6024.8
-37.5°	6146.5	6218.1	6264.6	6278.5	6264.6	6218.1	6146.5	6062.6	5978.4	5888.6	5740.6
-40°	5871.0	5930.7	5968.9	5982.6	5968.9	5930.7	5871.0	5792.2	5700.6	5568.7	5325.3
-42.5°	5573.8	5637.8	5668.3	5668.6	5668.3	5637.8	5573.8	5455.4	5268.6	5017.4	4640.6
-45°	5042.7	5239.9	5338.7	5343.2	5338.7	5239.9	5042.7	4717.2	4320.4	3883.3	3460.3
-47.5°	3670.3	3865.2	4021.8	4137.8	4021.8	3865.2	3670.3	3390.5	3083.0	2759.9	2452.7
-50°	2494.0	2506.9	2507.7	2496.5	2507.7	2506.9	2494.0	2456.8	2414.2	2366.9	2329.4
-52.5°	2381.5	2394.8	2404.6	2410.0	2404.6	2394.8	2381.5	2345.1	2298.5	2241.2	2187.8
-55°	2198.7	2215.5	2222.4	2219.7	2222.4	2215.5	2198.7	2157.7	2102.1	2030.7	1957.6
-57.5°	1927.1	1938.2	1943.4	1941.9	1943.4	1938.2	1927.1	1894.7	1846.3	1782.6	1713.9
-60°	1674.2	1682.4	1687.2	1686.9	1687.2	1682.4	1674.2	1647.8	1604.8	1550.3	1489.0
-62.5°	1438.4	1445.8	1451.2	1451.9	1451.2	1445.8	1438.4	1415.2	1374.1	1323.4	1265.8
-65°	1188.5	1194.0	1197.6	1196.9	1197.6	1194.0	1188.5	1170.1	1133.5	1089.5	1039.4
-67.5°	950.0	953.9	957.2	957.1	957.2	953.9	950.0	936.6	905.9	871.0	832.0
-70°	738.3	738.7	740.2	739.3	740.2	738.7	738.3	730.3	705.0	676.1	643.5
-72.5°	544.2	543.7	543.4	541.4	543.4	543.7	544.2	539.6	519.8	498.0	473.7
-75°	405.4	404.0	402.6	400.6	402.6	404.0	405.4	404.0	389.9	374.8	359.0
-77.5°	339.0	339.0	336.7	334.0	336.7	339.0	339.0	337.6	324.9	312.1	300.4
-80°	300.5	300.2	299.2	297.8	299.2	300.2	300.5	299.9	289.2	278.4	268.4
-82.5°	267.5	268.0	267.8	267.4	267.8	268.0	267.5	266.6	257.7	248.7	240.1
-85°	237.0	237.7	237.4	236.9	237.4	237.7	237.0	236.0	228.4	220.8	213.6
-87.5°	211.5	212.1	212.2	212.2	212.2	212.1	211.5	210.9	204.6	198.2	191.9
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	172.2	168.9	165.5	163.2	160.8	158.0	155.1	150.8	146.5	142.3	138.0
87.5°	1.0	1.0	1.0	1.4	1.8	1.8	1.7	1.7	1.7	1.8	1.9
85°	2.7	2.6	2.5	2.2	1.9	1.9	1.9	2.2	2.4	2.4	2.3
82.5°	2.9	2.9	2.9	2.7	2.5	2.4	2.4	2.6	2.9	2.9	2.9
80°	2.9	3.3	3.5	3.4	3.3	3.2	3.1	3.1	3.0	2.9	3.0
77.5°	2.9	3.1	3.4	3.7	3.8	3.9	3.9	3.8	3.7	3.9	3.9
75°	5.5	5.9	5.8	5.4	5.1	4.8	4.7	4.5	4.5	4.6	4.8
72.5°	14.0	13.6	13.2	12.0	10.7	10.8	10.5	9.5	7.9	6.0	4.8
70°	21.5	21.9	22.5	23.5	23.4	22.5	20.4	18.1	15.5	12.8	9.9
67.5°	23.3	25.7	27.8	29.5	30.0	30.4	29.5	28.1	27.7	25.2	18.2
65°	20.2	23.8	26.5	28.1	28.8	30.7	33.3	33.7	36.5	37.0	30.2
62.5°	13.9	17.2	19.4	21.7	23.0	25.3	29.9	34.8	41.8	44.7	38.7
60°	8.0	9.7	12.5	15.0	16.7	20.3	26.1	33.8	43.1	44.2	42.7
57.5°	6.1	7.6	9.6	11.9	12.6	16.8	22.7	31.8	41.2	42.9	40.3
55°	10.2	11.6	12.7	15.3	17.1	20.4	23.4	30.9	40.0	43.7	44.0
52.5°	31.0	37.6	37.5	30.1	31.2	35.5	33.0	39.0	45.0	50.0	51.9
50°	155.3	154.4	133.4	107.7	112.4	84.6	85.2	75.2	66.8	69.2	66.5
47.5°	411.6	378.0	344.8	318.1	284.1	251.7	226.3	178.7	164.3	116.5	115.3
45°	654.0	628.2	597.2	546.8	511.0	462.2	426.0	378.4	321.7	273.8	195.2
42.5°	1169.1	952.4	810.8	757.7	685.0	634.4	594.8	553.9	511.7	451.4	378.2
40°	1750.4	1695.5	1391.1	1051.6	892.4	780.0	728.1	692.2	670.5	624.3	554.5
37.5°	2001.8	1943.5	1860.7	1699.8	1264.1	1011.2	889.5	819.9	814.4	771.6	709.7
35°	2141.0	2098.2	2056.2	1951.0	1718.4	1496.7	1157.4	995.0	916.3	897.9	847.2
32.5°	2314.2	2274.3	2219.6	2164.7	2107.3	2085.0	1707.3	1310.0	1043.8	991.8	947.0
30°	2519.2	2484.5	2419.0	2369.0	2363.8	2343.6	2261.2	1777.2	1346.7	1073.4	1042.4
27.5°	2874.6	2731.0	2653.6	2630.3	2624.6	2612.8	2556.2	2328.1	1705.8	1301.3	1123.9
25°	3449.8	3169.1	3031.9	2996.5	2998.3	2955.6	2915.3	2726.9	2263.0	1577.0	1208.2
22.5°	4384.2	3891.8	3642.2	3521.9	3440.5	3379.8	3257.9	3082.0	2841.1	1972.3	1443.8
20°	6397.6	4859.1	4341.1	4050.4	3823.4	3660.0	3496.0	3334.2	3063.3	2452.3	1692.3
17.5°	11298.8	6788.3	5048.8	4560.7	4210.4	3921.5	3736.2	3529.2	3262.6	2832.5	1901.9
15°	17757.5	10233.1	6520.0	5156.3	4656.2	4269.2	4049.3	3785.3	3503.7	3068.7	2209.4
12.5°	26979.1	14864.2	7909.9	5671.5	5025.6	4565.6	4262.6	4045.7	3741.2	3315.1	2582.1
10°	34534.1	19975.9	10805.3	6746.5	5407.3	4782.5	4420.3	4186.3	3910.3	3540.6	2930.3
7.5°	43422.5	24865.3	13303.4	7512.3	5824.9	5040.4	4552.6	4285.5	4022.0	3629.1	3120.8
5°	49333.5	28405.3	15541.7	8337.8	6226.7	5318.3	4671.6	4356.9	4077.8	3657.1	3249.0
2.5°	54017.2	30366.9	16437.7	8565.0	6487.4	5578.4	4828.8	4445.6	4117.5	3691.1	3346.7
0°	56887.6	31595.9	16159.0	8710.3	6646.7	5747.6	5047.3	4544.0	4134.9	3712.5	3399.4
-2.5°	55592.2	31017.9	16022.8	8593.1	6739.5	5845.0	5219.1	4764.9	4230.9	3743.7	3422.0
-5°	51765.9	28808.7	15679.0	8636.9	6780.2	5914.9	5330.1	4905.3	4319.6	3780.9	3400.9
-7.5°	44955.2	25799.1	14117.3	8361.6	6738.0	5940.6	5395.1	4976.0	4430.7	3897.4	3376.7
-10°	35491.1	20966.4	11874.6	7971.9	6649.7	5924.0	5434.0	4981.8	4473.2	3981.7	3294.8
-12.5°	28252.3	16414.1	9520.7	7414.0	6525.3	5889.0	5448.6	4945.7	4489.1	4059.3	3196.4
-15°	19714.0	12304.8	8576.1	7174.5	6405.1	5838.1	5420.0	4877.9	4472.4	4093.9	3013.8
-17.5°	13910.6	9401.2	7642.7	6817.7	6227.0	5785.6	5313.5	4826.3	4420.8	3907.7	2732.4
-20°	9485.3	8039.2	7234.4	6586.6	6064.5	5686.6	5172.5	4749.7	4319.3	3517.8	2526.5



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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°	8040.2	7387.1	6858.1	6350.8	5992.4	5517.3	5046.9	4634.1	4170.7	3076.0	2299.6
-25°	7306.0	6896.9	6522.9	6236.7	5849.2	5361.6	4931.1	4450.5	3667.1	2710.8	2090.5
-27.5°	6774.8	6496.0	6326.3	6050.5	5636.8	5213.9	4767.9	4171.7	3091.3	2413.8	2096.3
-30°	6392.1	6253.8	6075.3	5792.7	5416.9	5014.5	4578.2	3566.9	2698.3	2181.4	2088.7
-32.5°	6141.9	5995.5	5785.6	5494.2	5154.9	4780.3	3902.0	2997.5	2335.9	2166.7	2039.5
-35°	5908.8	5691.8	5413.9	5138.5	4874.0	4028.7	3161.2	2510.0	2241.0	2132.1	1972.6
-37.5°	5538.0	5277.1	4996.5	4661.9	3940.9	3182.3	2570.2	2301.8	2206.6	2055.9	1873.1
-40°	5025.8	4760.5	4242.1	3671.2	3077.4	2494.0	2338.9	2265.0	2119.8	1954.3	1752.9
-42.5°	4160.4	3676.7	3239.6	2785.4	2409.3	2354.8	2283.6	2157.9	2004.8	1816.1	1626.3
-45°	3093.6	2718.9	2400.3	2379.7	2346.2	2265.0	2162.4	2017.2	1849.7	1671.6	1492.1
-47.5°	2370.5	2344.1	2330.7	2287.7	2215.9	2124.1	1990.9	1847.5	1685.8	1522.2	1368.6
-50°	2285.2	2239.1	2190.9	2131.4	2031.5	1921.5	1799.4	1664.7	1522.4	1385.2	1240.3
-52.5°	2133.2	2060.0	1983.9	1905.1	1817.4	1718.5	1606.6	1495.2	1374.8	1241.3	1107.1
-55°	1887.0	1820.9	1756.6	1685.5	1608.5	1525.7	1434.9	1329.5	1211.2	1088.4	974.4
-57.5°	1647.7	1587.1	1539.1	1481.9	1416.6	1338.1	1251.4	1148.8	1044.4	941.6	842.3
-60°	1433.0	1377.0	1332.3	1278.0	1214.8	1143.0	1066.3	979.2	884.7	808.1	733.1
-62.5°	1215.8	1166.0	1120.7	1071.4	1016.1	955.1	890.5	828.2	757.9	687.9	615.0
-65°	993.2	945.1	905.9	875.4	836.2	794.4	744.3	689.0	623.6	559.4	492.6
-67.5°	795.3	759.6	731.6	704.8	670.5	632.3	586.0	536.5	488.9	441.7	389.4
-70°	612.0	583.5	556.8	529.3	503.7	478.9	447.8	412.3	372.3	341.0	312.7
-72.5°	451.2	433.2	414.6	396.1	375.3	360.8	345.4	326.3	304.5	280.3	259.5
-75°	344.3	334.3	324.4	315.8	306.0	294.8	285.3	274.6	263.0	250.0	237.1
-77.5°	289.5	283.1	277.0	273.0	268.5	262.9	256.0	247.2	238.2	227.4	216.8
-80°	258.9	253.7	248.7	245.1	241.1	236.4	231.1	223.7	215.8	206.7	197.9
-82.5°	231.7	227.5	223.3	219.7	216.1	212.3	208.2	201.7	195.0	187.3	179.6
-85°	206.5	202.9	199.3	196.4	193.3	190.0	186.5	180.9	175.1	168.7	162.2
-87.5°	185.6	182.5	179.3	176.7	173.9	170.7	167.5	162.8	158.1	153.0	148.0
-90°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.9



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	132.3	126.5	122.3	118.0	113.3	108.5	103.3	98.0	91.4	84.7	76.6
87.5°	1.9	1.9	2.2	2.5	2.4	2.4	2.4	2.3	2.5	2.6	2.8
85°	2.3	2.2	2.5	2.9	2.9	2.9	2.8	2.8	3.0	3.2	3.2
82.5°	2.9	2.8	2.8	2.9	3.2	3.3	3.2	3.2	3.5	3.8	3.7
80°	3.3	3.4	3.3	3.2	3.5	3.8	3.7	3.6	3.9	4.2	4.1
77.5°	4.0	4.0	3.8	3.7	3.7	3.9	4.0	4.0	4.3	4.6	4.5
75°	4.8	4.5	4.0	3.9	4.1	4.0	4.3	4.5	4.9	5.0	5.0
72.5°	4.8	4.8	4.4	4.3	4.8	5.0	5.0	5.1	5.5	5.8	5.6
70°	7.2	5.6	5.2	5.4	5.8	6.1	6.2	6.4	6.3	6.6	6.6
67.5°	11.5	9.5	7.9	6.9	6.9	7.4	7.5	7.9	7.9	7.5	7.6
65°	22.1	16.0	11.2	9.9	8.8	8.7	8.9	9.7	9.7	9.5	8.7
62.5°	31.7	24.6	18.8	14.2	11.9	11.8	10.6	11.7	11.7	11.6	10.5
60°	40.4	33.0	27.3	22.4	18.1	15.9	15.1	13.9	14.2	13.9	12.8
57.5°	40.7	40.1	37.6	31.7	27.7	23.2	20.8	18.9	17.1	16.9	15.1
55°	41.4	41.9	46.9	43.5	39.3	33.3	29.1	25.6	21.4	20.3	17.6
52.5°	49.5	50.9	54.8	57.5	54.4	45.9	41.5	32.8	29.5	24.0	21.1
50°	63.4	68.4	68.9	73.8	71.3	65.7	55.0	46.1	38.3	29.4	24.8
47.5°	98.9	103.4	94.7	97.1	92.6	88.6	75.6	62.1	47.9	38.3	28.8
45°	188.2	161.8	146.7	134.0	122.6	117.8	100.4	79.8	64.2	47.6	32.9
42.5°	305.0	265.5	234.8	178.4	171.8	152.2	130.4	107.0	81.8	57.4	39.6
40°	469.7	394.4	342.3	282.2	232.6	191.1	168.9	137.6	100.6	69.7	48.4
37.5°	624.9	528.7	462.4	389.3	309.1	254.7	211.3	170.4	123.0	86.9	57.4
35°	749.6	654.1	564.3	488.8	407.6	318.5	256.9	207.0	151.9	104.9	66.5
32.5°	862.8	761.2	659.4	574.4	486.2	380.6	309.9	243.4	180.9	123.4	76.1
30°	963.0	865.9	749.9	644.6	550.9	445.8	360.2	277.5	210.0	142.6	87.2
27.5°	1072.4	974.4	841.8	721.0	607.9	502.4	400.3	309.1	239.0	162.0	101.7
25°	1175.2	1075.6	944.2	806.7	665.4	547.6	437.7	338.5	266.2	181.6	115.4
22.5°	1244.1	1160.8	1038.2	897.3	728.9	591.6	474.3	370.6	284.6	199.6	128.3
20°	1299.7	1235.7	1121.2	965.9	797.9	643.8	510.8	396.5	301.7	215.9	140.3
17.5°	1378.9	1296.2	1180.2	1023.6	861.2	696.3	546.1	420.9	317.4	230.4	151.4
15°	1573.8	1349.2	1237.5	1077.7	910.1	741.0	580.4	443.9	331.7	243.3	161.4
12.5°	1775.9	1400.7	1292.9	1124.7	946.1	779.3	613.3	465.4	344.5	256.4	170.3
10°	1965.5	1445.5	1344.5	1167.5	977.4	811.5	644.4	488.9	363.6	269.8	178.3
7.5°	2125.9	1486.4	1393.0	1206.3	1005.7	840.6	675.7	518.2	382.8	282.2	185.4
5°	2261.3	1523.9	1440.1	1254.0	1039.2	867.4	703.4	545.4	400.8	293.3	191.5
2.5°	2353.6	1558.0	1482.5	1298.6	1068.6	889.7	727.0	570.0	417.3	303.0	196.7
0°	2414.7	1588.9	1518.5	1336.8	1093.2	907.7	746.9	591.8	431.9	311.1	200.8
-2.5°	2433.9	1621.1	1548.0	1369.2	1132.5	931.6	761.4	601.9	441.8	320.3	207.6
-5°	2420.2	1650.9	1572.1	1394.9	1165.5	950.8	772.2	608.8	449.6	327.6	213.3
-7.5°	2379.0	1684.4	1592.1	1414.2	1190.8	964.7	778.9	612.5	455.2	332.9	217.7
-10°	2308.4	1717.9	1608.1	1421.4	1194.7	971.8	782.0	613.0	458.6	336.3	220.8
-12.5°	2219.7	1748.6	1618.1	1420.1	1190.0	973.3	784.8	611.6	459.6	337.5	222.4
-15°	2106.2	1787.4	1630.9	1411.3	1179.5	970.3	782.4	606.9	456.7	335.5	222.5
-17.5°	1957.5	1823.6	1639.0	1399.9	1165.0	962.9	774.5	597.9	451.3	330.1	220.5
-20°	1953.7	1839.2	1634.6	1378.1	1144.2	949.5	761.0	584.5	443.4	322.7	216.8



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**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1980.9	1832.7	1608.9	1349.1	1119.5	930.3	743.2	567.0	432.8	313.3	211.7
-25°	1995.9	1820.4	1573.0	1317.9	1094.0	906.1	722.3	548.6	419.6	302.0	205.3
-27.5°	1971.6	1783.8	1526.1	1276.3	1065.1	877.2	698.3	535.4	407.6	288.8	197.6
-30°	1929.9	1714.7	1468.7	1228.0	1027.6	843.9	669.8	519.5	394.4	278.1	188.5
-32.5°	1867.9	1640.2	1403.8	1181.7	985.0	805.6	637.6	500.5	379.0	268.9	182.7
-35°	1770.0	1556.4	1334.3	1129.5	937.7	766.4	606.9	478.4	361.5	257.4	177.6
-37.5°	1664.2	1460.2	1270.1	1072.9	888.2	723.6	579.8	455.1	342.0	243.4	171.9
-40°	1553.5	1362.9	1187.5	1011.8	837.2	677.6	548.7	428.9	322.8	227.1	165.1
-42.5°	1437.4	1267.8	1102.0	940.6	781.6	638.8	514.0	398.5	299.9	214.9	157.0
-45°	1328.9	1168.1	1011.7	865.3	722.4	595.4	475.4	364.9	274.4	204.2	150.9
-47.5°	1214.6	1064.5	921.0	785.0	668.3	547.3	432.0	333.7	247.0	192.1	148.5
-50°	1096.9	959.1	828.5	712.3	605.5	493.7	386.7	300.0	230.7	177.8	145.6
-52.5°	977.7	853.1	742.1	640.1	537.6	435.4	344.7	265.2	213.1	169.9	142.0
-55°	857.3	756.2	660.1	562.6	465.9	380.9	299.5	243.1	194.3	164.7	138.2
-57.5°	754.1	664.6	571.7	480.4	400.0	325.5	265.6	219.9	184.8	159.0	135.6
-60°	651.7	563.7	478.0	406.1	337.6	280.6	238.6	200.7	177.9	153.3	132.3
-62.5°	537.3	461.6	397.9	335.4	287.7	248.1	213.6	191.2	170.1	148.7	128.6
-65°	433.1	375.1	320.8	285.1	249.5	219.6	201.5	181.0	163.1	143.7	124.6
-67.5°	337.0	305.7	274.0	241.8	222.4	205.9	188.7	172.5	156.3	138.3	120.5
-70°	283.4	254.9	236.3	221.7	207.2	192.3	178.9	164.6	149.1	133.1	116.2
-72.5°	245.2	231.6	218.2	205.0	193.3	181.3	169.2	156.4	142.2	127.6	111.5
-75°	224.4	212.9	201.8	190.9	180.4	169.8	159.3	147.8	134.9	121.7	106.6
-77.5°	206.5	196.2	186.3	177.0	168.2	159.2	149.3	138.8	127.3	115.3	101.3
-80°	188.9	180.1	172.0	164.0	156.3	148.3	139.1	129.8	119.3	108.7	95.9
-82.5°	171.9	164.2	157.4	150.5	143.6	136.5	128.6	120.7	111.2	101.7	90.6
-85°	155.4	148.6	142.7	136.6	130.6	124.4	118.4	112.2	104.2	96.1	86.1
-87.5°	142.2	136.3	131.5	126.7	121.6	116.5	110.9	105.2	97.8	90.5	81.4
-90°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.4



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	68.5	57.5	46.6	33.7	20.9	11.9	2.9
87.5°	3.1	3.2	3.2	3.1	3.1	3.1	2.9
85°	3.4	3.5	3.6	3.4	3.2	3.4	2.9
82.5°	3.6	3.8	3.9	3.6	3.4	3.6	2.9
80°	3.9	4.1	4.2	3.9	3.6	3.8	2.9
77.5°	4.4	4.5	4.5	4.1	3.8	4.0	2.9
75°	5.0	5.1	4.9	4.4	4.0	4.3	2.9
72.5°	5.5	5.6	5.4	4.6	4.2	4.5	2.9
70°	6.2	6.2	5.9	4.9	4.5	4.7	2.9
67.5°	7.3	6.8	6.5	5.5	4.7	5.0	2.9
65°	8.6	7.7	7.1	6.0	5.0	5.2	2.9
62.5°	9.9	9.0	7.7	6.6	5.3	5.5	2.9
60°	11.2	10.3	8.3	7.2	5.7	5.7	2.9
57.5°	13.3	11.6	9.6	7.8	6.3	6.0	2.9
55°	15.6	13.1	10.9	8.4	7.0	6.2	2.9
52.5°	17.9	14.6	12.3	9.0	7.6	6.5	2.9
50°	20.2	16.7	13.7	9.7	8.3	6.7	2.9
47.5°	22.6	18.9	15.1	10.4	9.0	7.0	2.9
45°	26.2	21.2	16.5	11.5	9.8	7.3	2.9
42.5°	29.8	23.6	18.0	12.6	10.5	7.5	2.9
40°	33.8	26.0	19.7	14.0	11.3	7.8	2.9
37.5°	38.1	28.5	21.6	15.6	12.0	8.0	2.9
35°	42.5	31.7	23.6	17.2	12.8	8.3	2.9
32.5°	48.0	35.2	25.5	18.7	13.6	8.6	2.9
30°	55.9	38.7	27.4	20.3	14.3	8.8	2.9
27.5°	63.7	42.2	29.9	21.9	15.1	9.1	2.9
25°	71.3	45.7	32.4	23.4	15.9	9.3	2.9
22.5°	78.8	49.2	34.8	25.0	16.7	9.6	2.9
20°	86.0	52.8	37.2	26.5	17.4	9.8	2.9
17.5°	92.8	56.2	39.5	28.0	18.2	10.1	2.9
15°	98.9	59.5	41.7	29.5	18.9	10.3	2.9
12.5°	104.7	62.6	43.9	30.9	19.6	10.5	2.9
10°	109.9	65.5	46.0	32.2	20.3	10.7	2.9
7.5°	114.6	68.2	48.0	33.6	21.0	10.9	2.9
5°	118.8	70.8	49.9	34.8	21.6	11.1	2.9
2.5°	122.5	73.1	51.6	36.0	22.2	11.2	2.9
0°	125.6	75.2	53.3	37.1	22.8	11.4	2.9
-2.5°	129.6	78.4	55.7	38.7	23.8	11.9	2.9
-5°	133.0	81.3	57.9	40.3	24.8	12.3	2.9
-7.5°	135.8	84.0	60.0	41.8	25.7	12.8	2.9
-10°	138.0	86.5	61.9	43.2	26.6	13.2	2.9
-12.5°	139.4	88.6	63.7	44.4	27.4	13.6	2.9
-15°	140.2	90.6	65.4	45.6	28.2	13.9	2.9
-17.5°	140.3	92.2	66.8	46.6	28.9	14.3	2.9
-20°	139.8	93.6	68.1	47.6	29.5	14.6	2.9



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	138.7	94.6	69.2	48.4	30.1	14.9	2.9
-25°	136.9	95.6	70.1	49.1	30.6	15.2	2.9
-27.5°	134.4	96.4	70.8	49.7	31.0	15.4	2.9
-30°	131.1	96.9	71.4	50.1	31.4	15.6	2.9
-32.5°	127.1	97.1	72.1	50.4	31.7	15.8	2.9
-35°	125.7	97.0	72.6	50.6	31.9	15.9	2.9
-37.5°	125.3	97.0	72.9	50.7	32.1	16.1	2.9
-40°	124.5	97.1	73.1	50.6	32.2	16.2	2.9
-42.5°	123.4	97.1	73.1	50.5	32.2	16.2	2.9
-45°	121.9	96.8	73.0	50.4	32.2	16.3	2.9
-47.5°	119.9	96.3	72.7	50.2	32.0	16.3	2.9
-50°	118.6	95.5	72.2	50.1	31.9	16.2	2.9
-52.5°	117.1	94.6	71.5	49.9	31.6	16.2	2.9
-55°	115.2	93.1	70.6	49.5	31.2	16.1	2.9
-57.5°	113.1	91.5	69.5	49.1	30.8	15.9	2.9
-60°	110.6	89.6	68.2	48.5	30.4	15.8	2.9
-62.5°	108.0	87.5	67.2	47.8	29.9	15.6	2.9
-65°	105.2	85.2	66.0	47.0	29.4	15.4	2.9
-67.5°	102.1	82.9	64.6	46.0	28.8	15.2	2.9
-70°	98.8	80.5	63.1	45.0	28.1	14.9	2.9
-72.5°	95.3	78.0	61.4	43.9	27.4	14.6	2.9
-75°	91.5	75.2	59.5	42.7	26.6	14.3	2.9
-77.5°	87.5	72.2	57.6	41.4	25.8	13.9	2.9
-80°	83.3	69.4	55.7	40.1	24.9	13.6	2.9
-82.5°	79.7	66.6	53.6	38.6	24.0	13.2	2.9
-85°	76.1	63.7	51.4	37.1	23.0	12.8	2.9
-87.5°	72.4	60.7	49.0	35.5	22.0	12.3	2.9
-90°	2.9	2.9	2.9	2.9	2.9	2.9	2.9

(END OF REPORT)