

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: P1306400 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-680N-57-80-1S-VHE-A**

Issue Date: 2/3/2026

**Test Information**

Test Method: LM-79-08  
Report Number: P1306400 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-680N-57-80-1S-VHE-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 1S BEAM SHAPE WITH ANODIZED CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

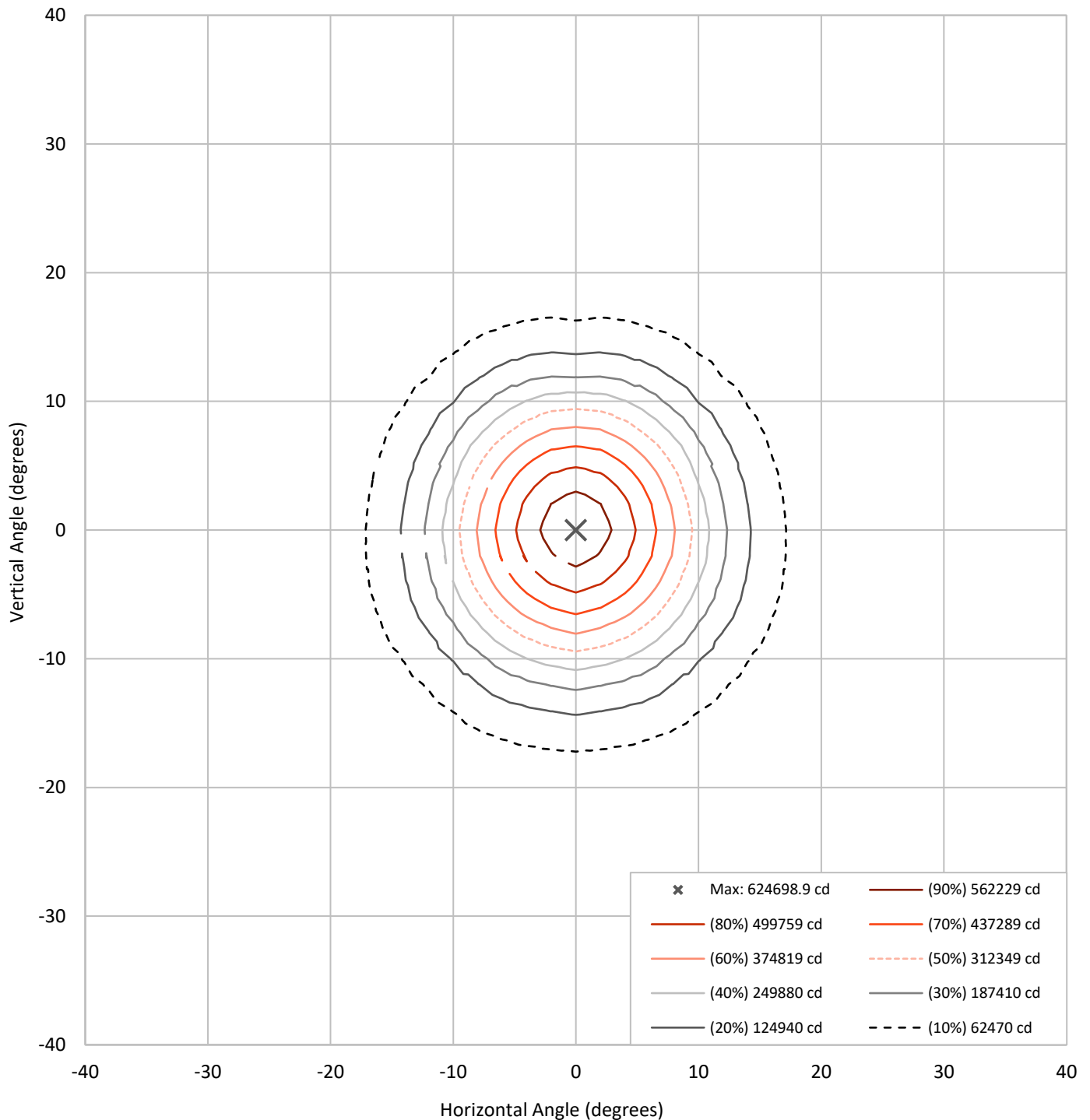
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	82341.3 lumens	Max Intensity:	624698.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	114.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	19°H x 18.9°V	Field Angle (10%):	34°H x 33.3°V
Beam Lumens:	36500.5 lumens	Field Lumens:	66480 lumens
Beam Efficiency:	44.3%	Field Efficiency:	80.7%

Input Watts (W): 718  
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

REPORT NUMBER: P1306400 (CONVERTED FROM TYPE C PHOTOMETRY)  
CATALOG NUMBER: EPH-08-680N-57-80-1S-VHE-A

### Iso-Candela Plot





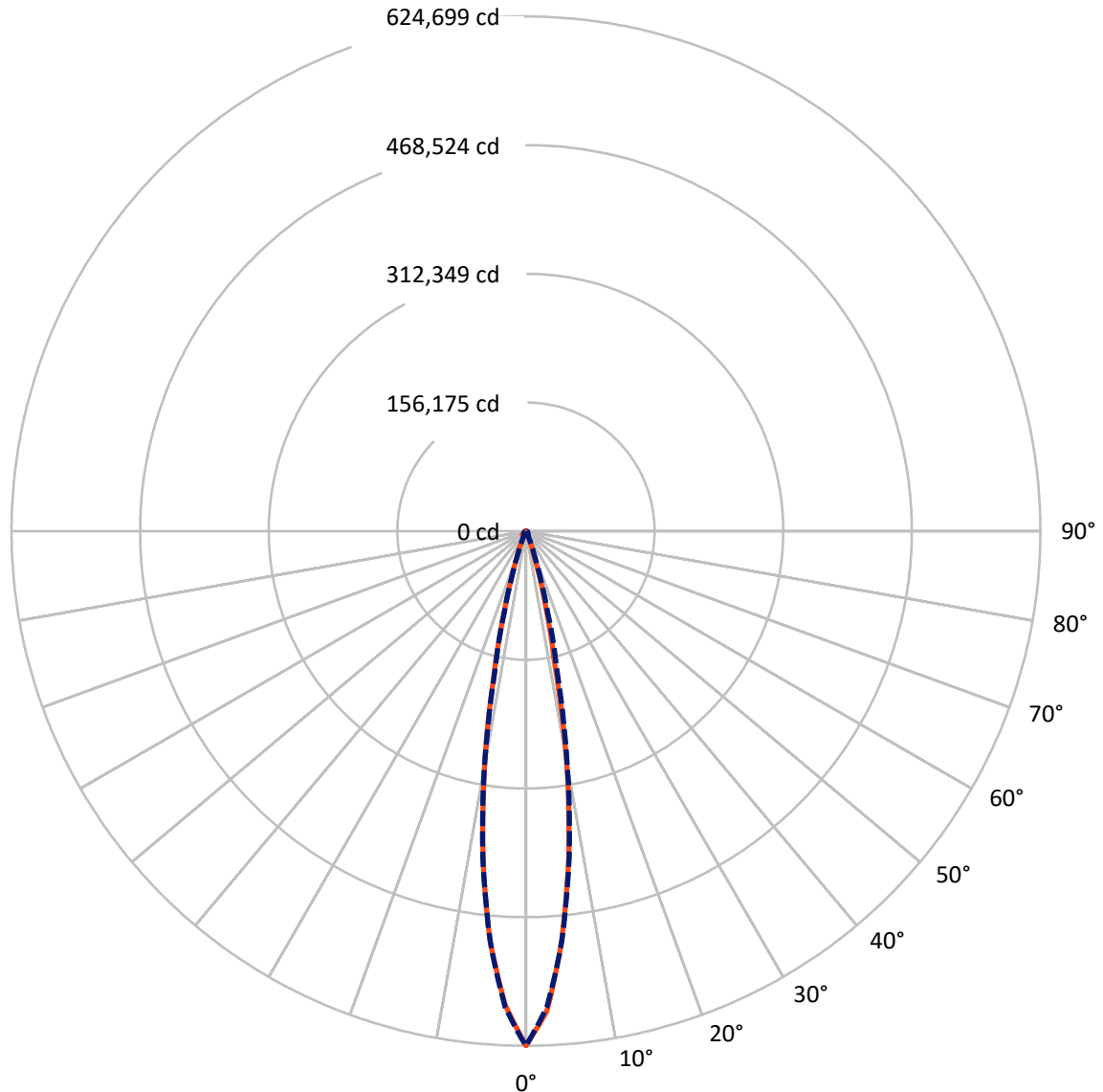
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### Lumen Table

90	0.3	1.1		2.1		2.8		3.1		2.8		2.1		1.1		0.3			
80	0.3	1.1		2.1		2.8		3.1		2.8		2.1		1.1		0.3			
70	0.4	0.2	0.3	0.6	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.6	0.3	0.2	0.4			
60		0.5	0.9	1.1	0.9	0.9	1.1	1.2	1.2	1.1	0.9	0.9	1.1	0.9	0.5				
50	1.2	1.4	3.1	6.0	9.3	16.0	24.4	27.0	27.0	24.4	16.0	9.3	6.0	3.1	1.4	1.2			
40		3.2	8.9	16.0	33.7	55.1	61.7	64.7	64.7	61.7	55.1	33.7	16.0	8.9	3.2				
30	2.7	5.3	14.5	29.8	70.9	75.2	91.2	151.0	151.0	91.2	75.2	70.9	29.8	14.5	5.3	2.7			
20		7.2	18.6	53.0	93.9	110.8	690.0	2749.6	2749.6	690.0	110.8	93.9	53.0	18.6	7.2				
10	4.0	8.8	21.9	70.2	104.7	206.7	2787.9	11599.1	11599.1	2787.9	206.7	104.7	70.2	21.9	8.8	4.0			
0		9.9	24.5	74.9	116.4	231.2	2930.9	11543.2	11543.2	2930.9	231.2	116.4	74.9	24.5	9.9				
-10	4.6	10.2	26.2	74.0	129.0	159.0	813.8	2979.3	2979.3	813.8	159.0	129.0	74.0	26.2	10.2	4.6			
-20		9.9	26.6	57.3	131.4	160.9	175.6	272.7	272.7	175.6	160.9	131.4	57.3	26.6	9.9				
-30	4.4	8.9	24.8	45.7	96.3	161.7	181.7	183.8	183.8	181.7	161.7	96.3	45.7	24.8	8.9	4.4			
-40		7.4	20.3	39.9	59.7	90.1	133.6	166.5	166.5	133.6	90.1	59.7	39.9	20.3	7.4				
-50	3.7	5.8	14.8	29.1	46.4	60.5	70.5	76.9	76.9	70.5	60.5	46.4	29.1	14.8	5.8	3.7			
-60		4.6	9.6	17.7	28.0	37.7	45.9	51.4	51.4	45.9	37.7	28.0	17.7	9.6	4.6				
-70	2.6	17.3		41.5		65.2		77.8		65.2		41.5		17.3		2.6			
-80		17.3		41.5		65.2		77.8		65.2		41.5		17.3					
-90	2.6	17.3		41.5		65.2		77.8		65.2		41.5		17.3		2.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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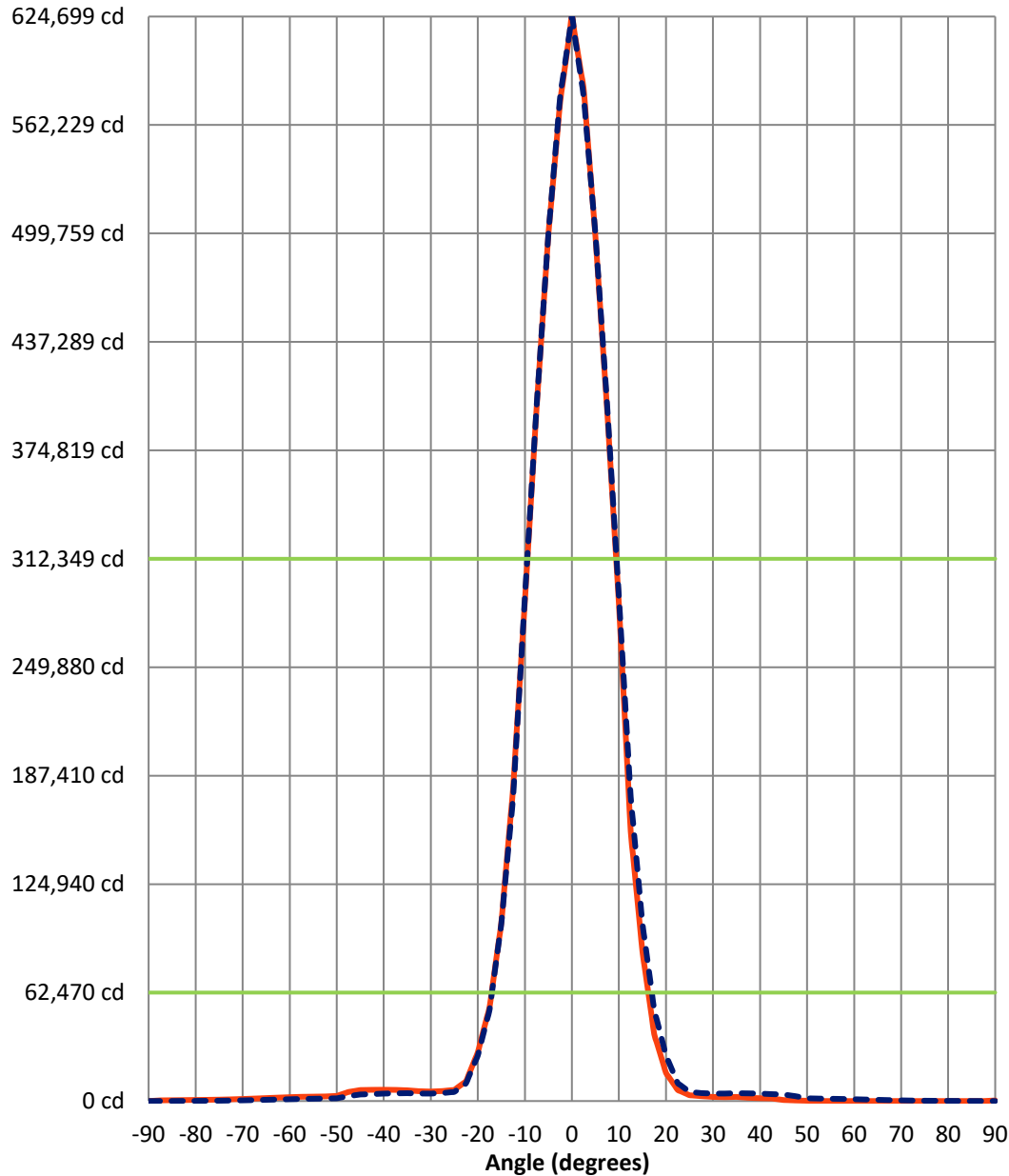
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 19°  
V Angle: 18.9°  
Lumens: 36500.5  
Efficiency: 44.3%

**Field:**  
H Angle: 34°  
V Angle: 33.3°  
Lumens: 66480  
Efficiency: 80.7%

**Spill:**  
Lumens: 15861.3  
Efficiency: 19.3%

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

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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.9	23.8	38.8	58.2	77.5	96.9	116.3	130.1	143.9	157.7	171.5
87.5°	8.9	7.7	6.3	6.3	6.3	6.2	6.0	6.0	6.0	6.0	6.0
85°	8.9	8.0	6.5	6.6	6.5	6.3	6.0	6.0	6.0	6.0	6.0
82.5°	8.9	8.2	6.8	6.9	6.8	6.5	6.0	6.0	6.0	6.1	6.0
80°	8.9	8.5	7.1	7.1	7.0	6.7	6.2	6.4	6.6	6.4	6.1
77.5°	8.9	8.8	7.4	7.4	7.3	7.1	7.0	7.1	7.1	6.8	6.3
75°	8.9	9.1	7.7	7.7	7.7	8.2	7.9	7.8	7.8	7.7	7.2
72.5°	8.9	9.3	8.0	8.0	8.8	9.2	8.8	8.8	9.2	9.0	8.1
70°	8.9	9.6	8.4	8.5	9.9	10.3	9.9	10.4	10.7	10.3	9.8
67.5°	8.9	9.9	8.8	9.5	11.0	11.5	11.8	12.0	12.3	12.7	11.8
65°	8.9	10.2	9.2	10.5	12.2	13.1	13.9	13.8	15.1	15.3	14.4
62.5°	8.9	10.5	9.6	11.5	13.3	15.3	16.1	16.3	18.0	18.3	18.3
60°	8.9	10.8	10.1	12.5	14.5	17.6	18.4	19.4	21.1	22.7	22.5
57.5°	8.9	11.1	11.1	13.5	16.6	20.0	22.1	22.7	25.3	27.3	29.8
55°	8.9	11.4	12.2	14.5	18.7	22.4	26.1	26.8	30.0	33.2	39.1
52.5°	8.9	11.8	13.2	15.5	20.9	25.2	30.3	32.5	35.0	43.2	49.2
50°	8.9	12.1	14.3	16.6	23.1	29.1	34.8	38.7	41.6	53.9	65.4
47.5°	8.9	12.4	15.5	17.8	25.4	33.2	39.7	45.4	52.0	65.2	83.4
45°	8.9	12.7	16.7	19.5	27.7	37.3	45.9	52.6	64.9	82.7	102.5
42.5°	8.9	13.0	17.9	21.2	30.0	41.6	52.5	62.7	78.5	101.2	131.1
40°	8.9	13.4	19.1	23.5	32.9	46.0	59.3	74.9	94.2	120.7	163.2
37.5°	8.9	13.7	20.4	26.2	36.3	50.5	66.4	87.3	113.9	145.9	197.4
35°	8.9	14.0	21.7	28.9	39.7	55.8	73.7	100.0	134.0	177.6	235.8
32.5°	8.9	14.3	23.0	31.6	43.1	61.6	82.0	112.9	154.5	208.7	275.9
30°	8.9	14.6	24.3	34.4	46.5	67.4	92.5	126.9	175.3	239.0	314.3
27.5°	8.9	15.0	25.6	37.2	51.3	73.2	102.9	144.0	198.0	268.6	350.9
25°	8.9	15.3	27.0	40.0	56.3	79.0	113.2	160.9	222.8	299.0	386.0
22.5°	8.9	15.6	28.3	42.8	61.2	85.2	123.4	177.6	246.8	328.7	424.5
20°	8.9	15.9	29.6	45.6	66.0	92.3	133.4	194.0	269.7	356.8	460.9
17.5°	8.9	16.2	30.9	48.3	70.8	99.1	143.3	210.0	291.5	383.0	495.1
15°	8.9	16.5	32.2	51.0	75.4	105.7	153.0	224.6	312.2	407.5	527.0
12.5°	8.9	16.7	33.4	53.7	80.0	112.0	162.1	237.4	330.9	430.1	556.4
10°	8.9	17.0	34.6	56.3	84.3	118.0	170.6	249.2	348.0	454.7	586.6
7.5°	8.9	17.2	35.7	58.8	88.6	123.7	178.5	259.8	363.9	478.9	621.8
5°	8.9	17.5	36.8	61.2	92.6	129.0	185.8	269.3	378.4	501.6	654.9
2.5°	8.9	17.7	37.8	63.5	96.4	134.0	192.4	277.6	391.4	522.5	685.4
0°	8.9	17.9	38.8	65.6	99.9	138.7	198.3	284.8	402.6	541.3	712.8
-2.5°	8.9	18.8	40.9	69.1	104.4	144.5	205.3	294.5	415.7	555.8	728.1
-5°	8.9	19.6	42.9	72.3	108.6	149.8	211.7	303.0	426.9	567.7	739.9
-7.5°	8.9	20.4	44.9	75.5	112.5	154.8	217.3	310.1	435.9	577.2	748.2
-10°	8.9	21.3	46.7	78.4	116.1	159.3	222.1	315.7	442.7	584.0	753.0
-12.5°	8.9	22.0	48.4	81.1	119.5	163.4	226.1	319.8	447.0	588.7	758.1
-15°	8.9	22.8	50.0	83.6	122.6	167.1	229.4	322.4	449.6	592.9	761.0
-17.5°	8.9	23.5	51.4	85.9	125.3	170.3	231.9	324.2	450.4	594.1	759.8
-20°	8.9	24.1	52.8	88.0	127.8	173.0	234.0	325.2	448.9	592.3	754.4



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 CATALOG NUMBER: EPH-08-680N-57-80-1S-VHE-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.9	24.8	54.0	89.8	130.0	175.2	235.9	324.3	444.9	587.4	744.7
-25°	8.9	25.4	55.0	91.4	131.9	177.4	236.9	321.6	438.4	579.4	730.6
-27.5°	8.9	25.9	55.9	92.8	133.5	179.2	236.9	317.1	429.5	568.8	718.8
-30°	8.9	26.4	56.6	93.9	134.8	180.4	235.9	310.6	421.1	556.5	703.5
-32.5°	8.9	26.9	57.2	94.7	135.9	181.0	233.8	307.1	412.3	541.2	684.6
-35°	8.9	27.3	57.6	95.3	136.6	181.1	233.0	303.8	401.1	523.1	662.1
-37.5°	8.9	27.7	57.9	95.6	136.9	181.0	232.6	299.1	387.6	502.1	638.9
-40°	8.9	28.0	58.0	95.6	136.8	180.9	231.3	293.2	371.7	482.8	612.4
-42.5°	8.9	28.2	57.9	95.4	136.4	180.4	229.4	285.9	360.3	461.8	581.6
-45°	8.9	28.4	57.7	94.8	135.7	179.3	226.7	279.7	350.4	438.0	547.8
-47.5°	8.9	28.6	57.3	94.0	134.6	177.7	223.3	275.6	339.0	411.7	517.8
-50°	8.9	28.7	56.7	93.1	133.1	175.6	220.5	270.7	325.1	395.6	484.7
-52.5°	8.9	28.8	56.0	91.9	131.2	173.0	217.2	264.9	315.1	377.5	450.2
-55°	8.9	28.8	55.1	90.4	129.0	170.0	213.3	258.4	306.5	357.5	427.0
-57.5°	8.9	28.7	54.0	88.7	126.4	166.6	208.8	252.9	296.9	344.1	401.7
-60°	8.9	28.6	52.8	86.8	123.4	162.6	203.7	246.2	287.0	332.1	378.8
-62.5°	8.9	28.4	52.3	84.6	120.3	158.2	198.1	238.6	277.9	319.1	363.9
-65°	8.9	28.2	51.6	82.2	116.7	153.3	191.8	230.4	268.1	307.1	348.1
-67.5°	8.9	28.0	50.8	79.5	112.9	148.1	185.0	221.5	257.6	294.8	333.0
-70°	8.9	27.7	49.8	76.7	108.7	142.4	177.7	211.9	246.0	281.6	317.8
-72.5°	8.9	27.4	48.8	74.7	104.3	136.4	170.0	201.8	233.7	267.0	301.5
-75°	8.9	27.0	47.6	72.8	99.6	130.0	161.7	191.1	220.8	251.6	283.5
-77.5°	8.9	26.5	46.4	70.7	96.1	123.3	153.0	179.8	207.1	235.5	264.8
-80°	8.9	26.1	45.0	68.5	92.8	117.8	143.9	168.2	192.9	218.5	244.9
-82.5°	8.9	25.6	43.6	66.1	89.3	112.9	137.2	157.3	178.2	200.9	224.2
-85°	8.9	25.0	42.1	63.6	85.5	107.8	130.5	148.5	166.9	185.7	204.9
-87.5°	8.9	24.5	40.5	60.9	81.6	102.5	123.5	139.4	155.5	171.8	188.4
-90°	8.9	7.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0



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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°	184.6	197.6	210.7	223.7	233.4	243.1	252.7	262.4	270.6	278.8	287.0
87.5°	5.6	5.3	4.9	4.5	4.5	4.5	4.5	4.5	4.1	3.8	3.4
85°	5.6	5.3	4.9	4.5	4.5	4.5	4.5	4.5	4.1	3.8	3.4
82.5°	5.7	5.3	4.9	4.5	4.5	4.5	4.5	4.5	4.2	4.0	3.8
80°	5.7	5.3	5.1	5.0	5.0	5.0	4.8	4.6	4.5	4.5	4.6
77.5°	6.2	6.1	6.0	5.9	5.7	5.5	5.3	5.3	5.3	5.2	5.0
75°	6.9	6.8	6.7	6.3	5.9	5.9	6.0	6.0	5.8	5.4	5.0
72.5°	7.8	7.7	7.3	6.5	6.3	6.4	6.4	6.2	6.6	7.4	8.1
70°	9.0	8.8	8.6	7.9	7.1	7.5	8.7	9.8	10.9	12.7	15.3
67.5°	10.5	11.0	10.6	9.9	9.7	11.2	12.6	17.3	22.5	25.4	26.5
65°	13.2	13.5	14.2	14.4	13.5	17.6	23.0	29.2	35.0	36.2	35.2
62.5°	16.4	18.1	19.3	20.5	22.1	26.2	32.5	38.7	45.1	43.2	37.2
60°	22.7	23.7	27.1	30.6	31.8	34.1	40.9	44.4	46.4	45.2	35.2
57.5°	30.5	32.2	38.0	42.0	43.3	40.7	43.2	45.4	45.2	39.8	30.5
55°	41.4	43.5	50.7	55.9	55.7	45.8	45.3	47.4	44.1	38.7	30.1
52.5°	57.1	58.3	66.3	71.9	69.9	59.7	52.5	55.9	55.3	48.4	41.1
50°	74.3	80.9	83.9	91.8	91.3	83.1	69.4	76.2	88.2	86.0	75.7
47.5°	98.7	107.3	107.7	117.2	121.6	128.8	117.2	131.7	149.5	185.9	174.3
45°	128.0	142.3	143.3	152.2	174.7	201.8	212.7	211.9	302.0	334.4	358.1
42.5°	160.4	183.2	192.9	192.2	264.6	305.8	329.1	403.5	472.0	492.7	503.8
40°	201.4	228.9	249.8	296.5	371.5	428.4	487.2	566.6	604.0	607.6	607.8
37.5°	246.4	286.4	320.1	399.7	495.3	558.5	631.6	665.7	691.6	693.0	722.4
35°	294.5	348.4	410.8	499.5	604.9	676.6	718.8	749.7	763.8	796.3	938.9
32.5°	349.9	414.7	496.3	595.0	695.6	768.7	793.9	820.5	854.9	951.2	1369.8
30°	405.5	489.5	577.4	683.7	785.7	837.2	863.7	897.2	951.1	1326.9	1906.9
27.5°	452.8	559.5	655.4	766.3	870.4	906.0	936.8	986.9	1216.3	1743.4	2549.3
25°	498.0	615.2	727.6	847.8	934.0	973.3	1012.0	1080.0	1527.7	2363.1	2913.1
22.5°	543.3	671.4	793.0	928.4	997.3	1038.1	1097.6	1351.6	1977.9	2982.1	3240.7
20°	589.8	727.6	858.1	993.5	1058.1	1100.6	1182.3	1659.3	2528.0	3246.3	3485.8
17.5°	635.4	781.7	919.2	1039.4	1106.4	1166.5	1296.0	1968.6	3023.2	3507.0	3673.7
15°	679.6	833.5	974.8	1083.8	1154.6	1237.6	1563.0	2380.1	3344.5	3741.0	3899.3
12.5°	722.0	882.7	1025.0	1126.4	1202.7	1308.1	1842.5	2786.9	3559.5	3925.2	4076.8
10°	762.1	928.7	1070.0	1167.1	1250.3	1377.0	2124.3	3130.3	3737.1	4049.7	4165.3
7.5°	800.0	968.6	1110.3	1205.6	1296.6	1443.4	2397.5	3413.7	3877.1	4155.4	4226.6
5°	833.1	1001.1	1147.5	1247.0	1343.2	1502.1	2631.5	3640.4	3985.7	4243.3	4289.7
2.5°	861.5	1029.1	1181.1	1287.0	1388.2	1549.0	2744.6	3732.4	3999.5	4282.1	4355.3
0°	<b>885.7</b>	<b>1052.7</b>	<b>1210.8</b>	<b>1324.1</b>	<b>1430.0</b>	<b>1589.5</b>	<b>2809.3</b>	<b>3780.0</b>	<b>3982.8</b>	<b>4292.9</b>	<b>4424.1</b>
-2.5°	905.4	1084.9	1253.1	1363.2	1470.0	1627.9	2804.5	3816.9	4024.7	4391.6	4688.6
-5°	921.0	1112.0	1290.4	1399.4	1506.6	1660.8	2754.2	3806.3	4081.8	4479.0	4851.6
-7.5°	932.2	1133.2	1321.9	1433.6	1542.6	1698.4	2718.2	3851.9	4248.2	4582.7	4917.7
-10°	939.6	1147.2	1341.1	1465.4	1578.9	1735.5	2640.8	3832.8	4403.8	4686.6	4981.1
-12.5°	948.2	1155.1	1353.3	1493.2	1610.6	1764.8	2504.1	3741.2	4547.8	4798.7	5043.2
-15°	951.7	1157.7	1359.8	1516.5	1637.2	1785.7	2305.7	3571.7	4644.0	4859.7	5082.9
-17.5°	950.1	1155.2	1360.4	1535.2	1658.6	1797.7	2043.7	3257.8	4492.9	4883.6	5119.8
-20°	943.1	1147.5	1355.0	1548.9	1674.7	1812.7	2001.5	2897.0	4080.0	4865.7	5146.2



REPORT NUMBER: P1306400 (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°	930.8	1134.8	1342.4	1541.2	1692.6	1831.7	2003.4	2522.7	3592.8	4805.1	5148.2
-25°	914.8	1116.8	1322.9	1532.9	1708.3	1844.6	1997.4	2195.9	3110.4	4281.0	5096.8
-27.5°	895.5	1092.6	1303.8	1517.1	1721.0	1853.0	1998.8	2180.3	2685.0	3675.4	4900.9
-30°	871.3	1065.5	1277.0	1492.5	1703.3	1862.0	1999.3	2144.4	2330.7	3129.2	4185.4
-32.5°	843.8	1032.5	1241.8	1456.1	1670.3	1867.9	1987.7	2119.2	2279.3	2566.2	3468.4
-35°	816.2	998.5	1198.7	1411.2	1628.6	1832.2	1977.8	2095.5	2226.8	2401.3	2813.2
-37.5°	789.2	958.9	1148.3	1357.3	1570.6	1768.2	1959.5	2075.9	2196.2	2318.9	2490.3
-40°	757.5	913.6	1096.8	1294.6	1495.2	1692.2	1882.1	2055.8	2166.4	2272.8	2383.8
-42.5°	721.3	873.2	1041.3	1222.1	1411.5	1602.8	1795.6	1978.2	2133.5	2228.7	2330.0
-45°	682.2	827.7	981.7	1148.3	1320.3	1505.3	1691.1	1877.2	2043.1	2191.5	2282.0
-47.5°	638.2	777.4	924.7	1068.7	1229.1	1399.3	1578.3	1753.4	1924.3	2082.0	2236.1
-50°	592.5	722.8	858.7	993.1	1136.3	1291.8	1456.4	1622.3	1786.2	1946.7	2098.1
-52.5°	551.7	662.9	788.4	916.2	1046.3	1184.9	1331.2	1481.3	1638.4	1794.4	1935.3
-55°	507.5	608.9	713.6	834.2	957.7	1082.4	1204.7	1340.0	1480.3	1627.2	1758.8
-57.5°	471.9	553.2	645.0	747.2	863.1	980.3	1087.9	1196.8	1321.6	1452.0	1566.2
-60°	440.4	504.5	579.2	667.8	763.0	868.9	970.3	1070.8	1171.6	1271.1	1379.1
-62.5°	409.7	465.5	524.1	591.3	675.4	756.8	846.0	939.0	1031.9	1121.1	1207.5
-65°	391.2	430.1	480.0	534.9	589.8	660.7	732.9	804.3	886.3	967.0	1046.0
-67.5°	371.3	408.0	445.1	485.6	536.0	582.5	628.8	693.3	757.2	817.7	879.8
-70°	352.5	385.2	419.6	454.7	488.6	523.1	565.4	607.3	648.4	692.9	746.3
-72.5°	333.4	363.6	394.4	426.0	456.6	485.1	513.7	542.4	575.9	612.2	647.4
-75°	312.7	341.0	369.3	398.1	424.6	449.9	475.5	501.5	527.0	552.2	577.6
-77.5°	290.8	316.4	342.4	368.9	392.4	414.6	437.1	459.9	482.3	504.3	526.2
-80°	268.1	291.1	314.2	337.7	357.9	377.6	397.4	417.3	437.0	456.4	475.7
-82.5°	244.3	264.4	284.8	305.4	322.7	339.6	356.4	373.3	389.9	406.5	423.0
-85°	221.2	237.3	254.6	272.1	286.6	301.0	315.3	329.6	343.5	357.2	370.9
-87.5°	203.0	217.6	232.1	246.6	258.0	269.3	280.6	291.8	302.4	313.0	323.6
-90°	5.6	5.3	4.9	4.5	4.5	4.5	4.5	4.5	4.1	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°	295.2	300.8	306.4	312.0	317.6	322.5	327.3	332.2	337.0	340.0	343.0
87.5°	3.0	2.9	2.9	2.9	2.9	2.5	2.2	1.9	1.5	1.5	1.5
85°	3.0	3.0	3.0	3.0	3.0	2.6	2.3	1.9	1.5	1.5	1.5
82.5°	3.7	3.6	3.5	3.3	3.0	2.9	2.9	2.8	2.8	2.9	2.9
80°	4.5	4.2	3.8	3.4	3.1	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	4.6	4.2	3.8	3.5	3.1	3.0	3.0	3.0	3.0	3.0	3.0
75°	4.6	4.5	4.7	4.7	4.5	4.5	4.5	4.4	4.2	4.0	3.7
72.5°	8.8	9.2	9.1	9.4	9.4	9.7	10.1	10.3	10.3	10.3	10.4
70°	16.8	17.3	17.8	17.6	16.5	15.6	15.2	14.8	14.3	14.7	15.6
67.5°	25.6	23.7	22.8	21.5	19.2	17.2	16.0	14.7	13.3	12.7	12.5
65°	31.6	25.0	21.8	19.3	17.3	15.1	13.0	11.2	9.6	8.6	8.2
62.5°	30.1	21.4	16.9	14.3	11.9	9.8	8.2	6.9	5.9	5.4	5.5
60°	25.7	16.8	11.8	9.5	7.2	4.7	4.4	4.2	3.9	3.6	3.8
57.5°	22.9	15.1	9.2	9.0	7.8	5.6	4.9	4.9	4.2	3.0	3.5
55°	25.6	21.6	15.0	15.4	15.0	12.6	10.8	12.9	12.4	9.7	10.7
52.5°	38.4	44.0	35.9	33.3	45.5	45.1	35.3	48.2	55.3	54.1	55.2
50°	90.4	102.1	114.4	104.8	128.6	142.8	139.7	156.5	173.8	173.4	178.8
47.5°	214.1	246.3	249.8	256.3	283.6	318.2	346.3	366.1	376.3	372.1	375.1
45°	383.0	390.3	407.1	444.1	490.5	546.2	588.7	613.4	696.6	755.7	790.2
42.5°	507.7	530.4	571.4	669.2	740.9	905.5	1104.7	1181.9	1279.8	1329.4	1332.5
40°	632.7	690.5	859.9	1038.0	1424.7	1712.2	1729.4	1851.3	1907.5	1845.6	1836.3
37.5°	839.3	1053.8	1344.8	1756.4	1936.2	2014.3	2057.3	2072.8	2084.2	2073.8	2068.5
35°	1246.2	1619.4	1905.1	2039.3	2120.5	2123.1	2133.1	2131.7	2118.4	2111.5	2096.7
32.5°	1846.5	2202.4	2211.1	2200.7	2217.6	2207.9	2189.3	2180.7	2151.8	2134.4	2140.3
30°	2465.4	2467.4	2432.3	2350.7	2310.0	2297.5	2270.4	2248.2	2220.8	2224.9	2320.2
27.5°	2710.9	2680.9	2631.7	2561.4	2424.7	2397.9	2376.2	2366.9	2481.3	2585.8	2679.1
25°	2985.8	2907.7	2880.8	2819.5	2678.8	2523.2	2591.7	2699.3	2848.9	3004.7	3155.0
22.5°	3223.4	3167.1	3149.7	3127.0	2897.5	2830.4	2924.3	3101.3	3305.7	3576.4	4349.5
20°	3457.6	3396.8	3376.8	3262.4	3142.0	3158.6	3333.0	3641.8	4213.5	6267.4	8775.7
17.5°	3654.5	3591.5	3523.4	3389.8	3351.6	3519.0	3867.9	4952.5	7650.5	14392.5	21244.8
15°	3837.9	3755.2	3639.5	3551.8	3624.3	3936.0	4800.5	8495.5	17235.1	28551.5	42819.3
12.5°	4000.9	3874.3	3712.4	3666.9	3887.5	4412.4	7802.7	16670.5	30039.1	46160.5	79656.3
10°	4114.3	3950.2	3809.1	3887.5	4238.1	5647.4	11228.4	24992.9	44770.3	80828.3	122529.5
7.5°	4163.1	4014.6	3932.4	4100.9	4569.0	7252.6	16903.1	34565.3	63233.1	111718.6	178253.8
5°	4218.4	4115.9	4070.0	4312.2	4887.7	8560.4	20984.2	42620.8	82976.7	140731.0	226411.6
2.5°	4330.0	4232.4	4200.5	4497.6	5166.6	9779.8	24173.4	48883.5	96057.2	164940.2	269147.5
0°	4527.0	4324.2	4298.9	4589.7	5278.6	10334.9	26266.0	52660.3	102278.7	175298.7	290174.3
-2.5°	4683.5	4441.9	4393.7	4653.0	5327.9	10062.9	26053.8	52530.2	99740.4	171836.6	276821.3
-5°	4820.0	4577.7	4511.1	4752.0	5436.3	10052.8	24673.5	48199.4	89249.4	150995.7	233293.8
-7.5°	4941.5	4732.0	4633.4	4825.1	5450.6	9002.5	19956.8	39683.2	71339.3	117889.1	180566.8
-10°	5069.6	4908.7	4774.3	4902.6	5390.0	7162.9	13351.0	28605.2	50804.9	85491.8	128500.3
-12.5°	5216.0	5135.0	4937.4	4956.1	5308.1	6044.5	9867.7	19970.7	35272.0	53854.3	85029.6
-15°	5340.3	5336.6	5171.2	5118.6	5293.6	5765.9	6884.4	11090.3	21395.8	34618.6	50040.5
-17.5°	5366.2	5498.4	5435.0	5274.3	5284.6	5549.4	6010.5	7349.4	10747.3	19048.0	28223.8
-20°	5382.9	5665.2	5671.8	5541.4	5427.0	5397.4	5608.2	5998.7	6758.0	9563.1	13255.2



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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°	5408.4	5676.7	5867.6	5831.5	5607.0	5475.7	5428.5	5576.4	5833.4	6195.4	7393.3
-25°	5420.4	5670.9	5944.1	6019.1	5924.9	5684.6	5504.9	5404.6	5495.5	5610.3	5844.7
-27.5°	5368.8	5661.9	5926.8	6148.9	6175.9	6018.8	5754.6	5540.3	5457.0	5378.1	5474.6
-30°	5282.9	5610.3	5887.3	6160.5	6269.8	6219.5	6081.2	5907.3	5704.3	5546.3	5490.9
-32.5°	4579.5	5533.1	5816.8	6053.6	6233.9	6285.4	6286.9	6193.7	6106.9	5985.1	5842.5
-35°	3773.0	4830.8	5754.0	5873.2	6038.4	6209.1	6335.8	6340.1	6329.9	6272.2	6212.2
-37.5°	2933.0	3918.7	4806.6	5517.3	5767.3	5968.1	6185.1	6331.7	6423.8	6407.3	6396.2
-40°	2553.5	2864.2	3694.8	4419.3	5027.1	5599.0	5834.1	6097.6	6309.5	6383.3	6433.1
-42.5°	2436.3	2569.2	2704.4	3253.4	3879.6	4430.4	4948.3	5442.2	5883.3	6133.2	6307.1
-45°	2372.0	2445.9	2528.8	2651.0	2756.7	3212.8	3676.9	4127.7	4677.9	5184.4	5623.7
-47.5°	2312.6	2370.4	2434.5	2497.4	2556.0	2638.9	2710.7	2838.6	3250.7	3666.3	4083.3
-50°	2216.8	2312.3	2365.5	2412.5	2453.9	2492.4	2525.6	2583.4	2651.8	2711.5	2771.7
-52.5°	2056.7	2164.3	2266.5	2343.9	2376.4	2408.3	2441.0	2484.8	2525.3	2562.3	2590.8
-55°	1877.2	1986.1	2089.1	2167.6	2238.0	2302.8	2360.5	2399.3	2437.1	2473.5	2501.3
-57.5°	1679.8	1790.9	1891.6	1966.8	2037.2	2102.5	2166.1	2227.2	2283.1	2333.5	2376.4
-60°	1479.9	1573.7	1664.7	1744.2	1816.8	1882.3	1945.1	2005.2	2060.2	2109.7	2152.7
-62.5°	1292.3	1379.1	1451.1	1516.1	1578.6	1639.0	1702.6	1761.1	1814.3	1862.9	1907.5
-65°	1123.0	1197.9	1252.4	1303.3	1351.5	1403.3	1459.3	1510.8	1557.8	1601.4	1641.7
-67.5°	949.0	1013.8	1061.6	1105.7	1146.8	1188.2	1232.9	1274.5	1312.9	1349.6	1384.0
-70°	797.9	843.1	876.5	910.3	946.8	984.0	1022.5	1057.5	1089.1	1119.1	1146.8
-72.5°	681.6	709.4	732.8	761.7	787.8	815.6	844.2	870.6	894.8	918.3	940.4
-75°	603.0	623.4	642.5	660.4	677.1	696.9	717.6	737.1	755.4	772.6	788.8
-77.5°	548.2	564.1	577.2	589.7	601.5	617.0	633.1	648.8	664.1	677.1	689.1
-80°	494.8	507.5	518.7	529.5	540.0	553.3	566.8	580.0	592.8	604.6	615.8
-82.5°	439.4	449.8	459.3	468.5	477.4	488.7	499.9	510.7	521.3	531.0	540.3
-85°	384.4	392.3	399.8	407.0	414.0	423.2	432.3	441.2	449.9	456.2	462.2
-87.5°	334.3	340.1	345.8	351.4	356.8	363.4	370.0	376.6	383.0	387.3	391.4
-90°	3.0	2.6	2.3	1.9	1.5	1.5	1.5	1.5	1.5	1.5	1.5



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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°	345.9	348.9	348.2	347.4	348.2	348.9	345.9	343.0	340.0	337.0	332.2
87.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.9
82.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8	2.8
80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
77.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
75°	3.4	3.0	3.0	3.0	3.0	3.0	3.4	3.7	4.0	4.2	4.4
72.5°	10.4	10.2	10.3	10.4	10.3	10.2	10.4	10.4	10.3	10.3	10.3
70°	16.6	17.6	17.8	17.9	17.8	17.6	16.6	15.6	14.7	14.3	14.8
67.5°	12.3	12.1	11.3	10.4	11.3	12.1	12.3	12.5	12.7	13.3	14.7
65°	7.9	7.7	7.5	7.5	7.5	7.7	7.9	8.2	8.6	9.6	11.2
62.5°	5.7	6.0	6.0	6.0	6.0	6.0	5.7	5.5	5.4	5.9	6.9
60°	4.1	4.5	4.5	4.5	4.5	4.5	4.1	3.8	3.6	3.9	4.2
57.5°	3.9	4.4	4.5	4.5	4.5	4.4	3.9	3.5	3.0	4.2	4.9
55°	11.3	11.6	11.2	10.4	11.2	11.6	11.3	10.7	9.7	12.4	12.9
52.5°	54.3	50.1	43.7	35.8	43.7	50.1	54.3	55.2	54.1	55.3	48.2
50°	189.2	194.3	189.8	176.0	189.8	194.3	189.2	178.8	173.4	173.8	156.5
47.5°	389.7	394.0	380.5	348.9	380.5	394.0	389.7	375.1	372.1	376.3	366.1
45°	816.0	809.7	739.5	593.5	739.5	809.7	816.0	790.2	755.7	696.6	613.4
42.5°	1407.2	1469.9	1506.8	1507.5	1506.8	1469.9	1407.2	1332.5	1329.4	1279.8	1181.9
40°	1821.3	1747.8	1667.6	1655.1	1667.6	1747.8	1821.3	1836.3	1845.6	1907.5	1851.3
37.5°	2056.0	2071.5	2062.6	1889.2	2062.6	2071.5	2056.0	2068.5	2073.8	2084.2	2072.8
35°	2130.7	2247.2	2367.2	2391.8	2367.2	2247.2	2130.7	2096.7	2111.5	2118.4	2131.7
32.5°	2166.8	2206.8	2217.6	2221.8	2217.6	2206.8	2166.8	2140.3	2134.4	2151.8	2180.7
30°	2364.1	2390.1	2386.3	2381.3	2386.3	2390.1	2364.1	2320.2	2224.9	2220.8	2248.2
27.5°	2723.2	2766.3	2785.6	2798.8	2785.6	2766.3	2723.2	2679.1	2585.8	2481.3	2366.9
25°	3237.2	3303.3	3348.5	3368.4	3348.5	3303.3	3237.2	3155.0	3004.7	2848.9	2699.3
22.5°	5242.2	5699.6	6152.3	6386.5	6152.3	5699.6	5242.2	4349.5	3576.4	3305.7	3101.3
20°	13086.6	15063.2	15965.8	16229.3	15965.8	15063.2	13086.6	8775.7	6267.4	4213.5	3641.8
17.5°	30476.0	37968.3	42979.5	38588.6	42979.5	37968.3	30476.0	21244.8	14392.5	7650.5	4952.5
15°	62377.3	81352.5	91970.6	85995.7	91970.6	81352.5	62377.3	42819.3	28551.5	17235.1	8495.5
12.5°	112386.0	141999.7	161889.4	155330.4	161889.4	141999.7	112386.0	79656.3	46160.5	30039.1	16670.5
10°	176893.2	236441.7	276092.7	285894.8	276092.7	236441.7	176893.2	122529.5	80828.3	44770.3	24992.9
7.5°	256705.8	330435.1	388633.1	397640.6	388633.1	330435.1	256705.8	178253.8	111718.6	63233.1	34565.3
5°	334786.2	421814.0	482367.9	498088.2	482367.9	421814.0	334786.2	226411.6	140731.0	82976.7	42620.8
2.5°	383248.5	477971.3	550911.6	583040.2	550911.6	477971.3	383248.5	269147.5	164940.2	96057.2	48883.5
0°	400546.1	499472.0	578612.3	624698.9	578612.3	499472.0	400546.1	290174.3	175298.7	102278.7	52660.3
-2.5°	387135.0	476721.6	543530.1	575568.1	543530.1	476721.6	387135.0	276821.3	171836.6	99740.4	52530.2
-5°	329729.6	418740.4	473097.0	499194.6	473097.0	418740.4	329729.6	233293.8	150995.7	89249.4	48199.4
-7.5°	257654.4	328896.7	375834.8	399577.5	375834.8	328896.7	257654.4	180566.8	117889.1	71339.3	39683.2
-10°	180280.7	236802.1	268442.2	287815.4	268442.2	236802.1	180280.7	128500.3	85491.8	50804.9	28605.2
-12.5°	117299.5	150198.3	167918.8	180331.2	167918.8	150198.3	117299.5	85029.6	53854.3	35272.0	19970.7
-15°	71207.8	87241.3	96862.1	102893.0	96862.1	87241.3	71207.8	50040.5	34618.6	21395.8	11090.3
-17.5°	39743.9	46630.5	51506.8	54205.1	51506.8	46630.5	39743.9	28223.8	19048.0	10747.3	7349.4
-20°	19721.0	24077.5	26939.1	28140.4	26939.1	24077.5	19721.0	13255.2	9563.1	6758.0	5998.7



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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°	9101.4	10265.1	11035.5	11402.6	11035.5	10265.1	9101.4	7393.3	6195.4	5833.4	5576.4
-25°	6072.4	6255.0	6389.2	6447.6	6389.2	6255.0	6072.4	5844.7	5610.3	5495.5	5404.6
-27.5°	5562.0	5658.7	5738.9	5770.6	5738.9	5658.7	5562.0	5474.6	5378.1	5457.0	5540.3
-30°	5448.3	5452.5	5475.2	5475.4	5475.2	5452.5	5448.3	5490.9	5546.3	5704.3	5907.3
-32.5°	5734.6	5671.7	5644.3	5673.7	5644.3	5671.7	5734.6	5842.5	5985.1	6106.9	6193.7
-35°	6172.1	6155.1	6156.5	6188.1	6156.5	6155.1	6172.1	6212.2	6272.2	6329.9	6340.1
-37.5°	6399.0	6412.3	6427.4	6431.2	6427.4	6412.3	6399.0	6396.2	6407.3	6423.8	6331.7
-40°	6462.0	6488.1	6507.8	6514.7	6507.8	6488.1	6462.0	6433.1	6383.3	6309.5	6097.6
-42.5°	6384.0	6435.9	6463.4	6470.0	6463.4	6435.9	6384.0	6307.1	6133.2	5883.3	5442.2
-45°	5942.6	6174.0	6304.9	6340.2	6304.9	6174.0	5942.6	5623.7	5184.4	4677.9	4127.7
-47.5°	4488.9	4852.2	5105.0	5221.9	5105.0	4852.2	4488.9	4083.3	3666.3	3250.7	2838.6
-50°	2834.9	2894.8	2939.6	2967.3	2939.6	2894.8	2834.9	2771.7	2711.5	2651.8	2583.4
-52.5°	2615.5	2637.5	2650.3	2655.7	2650.3	2637.5	2615.5	2590.8	2562.3	2525.3	2484.8
-55°	2525.1	2545.4	2554.4	2555.8	2554.4	2545.4	2525.1	2501.3	2473.5	2437.1	2399.3
-57.5°	2413.4	2444.4	2458.1	2460.3	2458.1	2444.4	2413.4	2376.4	2333.5	2283.1	2227.2
-60°	2189.2	2219.2	2234.0	2239.7	2234.0	2219.2	2189.2	2152.7	2109.7	2060.2	2005.2
-62.5°	1946.1	1978.8	1988.8	1987.7	1988.8	1978.8	1946.1	1907.5	1862.9	1814.3	1761.1
-65°	1676.8	1706.7	1715.4	1714.8	1715.4	1706.7	1676.8	1641.7	1601.4	1557.8	1510.8
-67.5°	1414.5	1440.9	1450.0	1452.3	1450.0	1440.9	1414.5	1384.0	1349.6	1312.9	1274.5
-70°	1171.1	1192.0	1197.2	1197.4	1197.2	1192.0	1171.1	1146.8	1119.1	1089.1	1057.5
-72.5°	960.5	978.5	981.6	981.2	981.6	978.5	960.5	940.4	918.3	894.8	870.6
-75°	804.1	818.3	818.8	817.1	818.8	818.3	804.1	788.8	772.6	755.4	737.1
-77.5°	700.4	710.9	713.1	714.2	713.1	710.9	700.4	689.1	677.1	664.1	648.8
-80°	626.5	636.7	636.4	635.2	636.4	636.7	626.5	615.8	604.6	592.8	580.0
-82.5°	549.4	558.1	558.2	557.7	558.2	558.1	549.4	540.3	531.0	521.3	510.7
-85°	468.0	473.6	473.3	472.7	473.3	473.6	468.0	462.2	456.2	449.9	441.2
-87.5°	395.4	399.4	399.6	399.6	399.6	399.4	395.4	391.4	387.3	383.0	376.6
-90°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	327.3	322.5	317.6	312.0	306.4	300.8	295.2	287.0	278.8	270.6	262.4
87.5°	2.2	2.5	2.9	2.9	2.9	2.9	3.0	3.4	3.8	4.1	4.5
85°	2.3	2.6	3.0	3.0	3.0	3.0	3.0	3.4	3.8	4.1	4.5
82.5°	2.9	2.9	3.0	3.3	3.5	3.6	3.7	3.8	4.0	4.2	4.5
80°	3.0	3.0	3.1	3.4	3.8	4.2	4.5	4.6	4.5	4.5	4.6
77.5°	3.0	3.0	3.1	3.5	3.8	4.2	4.6	5.0	5.2	5.3	5.3
75°	4.5	4.5	4.5	4.7	4.7	4.5	4.6	5.0	5.4	5.8	6.0
72.5°	10.1	9.7	9.4	9.4	9.1	9.2	8.8	8.1	7.4	6.6	6.2
70°	15.2	15.6	16.5	17.6	17.8	17.3	16.8	15.3	12.7	10.9	9.8
67.5°	16.0	17.2	19.2	21.5	22.8	23.7	25.6	26.5	25.4	22.5	17.3
65°	13.0	15.1	17.3	19.3	21.8	25.0	31.6	35.2	36.2	35.0	29.2
62.5°	8.2	9.8	11.9	14.3	16.9	21.4	30.1	37.2	43.2	45.1	38.7
60°	4.4	4.7	7.2	9.5	11.8	16.8	25.7	35.2	45.2	46.4	44.4
57.5°	4.9	5.6	7.8	9.0	9.2	15.1	22.9	30.5	39.8	45.2	45.4
55°	10.8	12.6	15.0	15.4	15.0	21.6	25.6	30.1	38.7	44.1	47.4
52.5°	35.3	45.1	45.5	33.3	35.9	44.0	38.4	41.1	48.4	55.3	55.9
50°	139.7	142.8	128.6	104.8	114.4	102.1	90.4	75.7	86.0	88.2	76.2
47.5°	346.3	318.2	283.6	256.3	249.8	246.3	214.1	174.3	185.9	149.5	131.7
45°	588.7	546.2	490.5	444.1	407.1	390.3	383.0	358.1	334.4	302.0	211.9
42.5°	1104.7	905.5	740.9	669.2	571.4	530.4	507.7	503.8	492.7	472.0	403.5
40°	1729.4	1712.2	1424.7	1038.0	859.9	690.5	632.7	607.8	607.6	604.0	566.6
37.5°	2057.3	2014.3	1936.2	1756.4	1344.8	1053.8	839.3	722.4	693.0	691.6	665.7
35°	2133.1	2123.1	2120.5	2039.3	1905.1	1619.4	1246.2	938.9	796.3	763.8	749.7
32.5°	2189.3	2207.9	2217.6	2200.7	2211.1	2202.4	1846.5	1369.8	951.2	854.9	820.5
30°	2270.4	2297.5	2310.0	2350.7	2432.3	2467.4	2465.4	1906.9	1326.9	951.1	897.2
27.5°	2376.2	2397.9	2424.7	2561.4	2631.7	2680.9	2710.9	2549.3	1743.4	1216.3	986.9
25°	2591.7	2523.2	2678.8	2819.5	2880.8	2907.7	2985.8	2913.1	2363.1	1527.7	1080.0
22.5°	2924.3	2830.4	2897.5	3127.0	3149.7	3167.1	3223.4	3240.7	2982.1	1977.9	1351.6
20°	3333.0	3158.6	3142.0	3262.4	3376.8	3396.8	3457.6	3485.8	3246.3	2528.0	1659.3
17.5°	3867.9	3519.0	3351.6	3389.8	3523.4	3591.5	3654.5	3673.7	3507.0	3023.2	1968.6
15°	4800.5	3936.0	3624.3	3551.8	3639.5	3755.2	3837.9	3899.3	3741.0	3344.5	2380.1
12.5°	7802.7	4412.4	3887.5	3666.9	3712.4	3874.3	4000.9	4076.8	3925.2	3559.5	2786.9
10°	11228.4	5647.4	4238.1	3887.5	3809.1	3950.2	4114.3	4165.3	4049.7	3737.1	3130.3
7.5°	16903.1	7252.6	4569.0	4100.9	3932.4	4014.6	4163.1	4226.6	4155.4	3877.1	3413.7
5°	20984.2	8560.4	4887.7	4312.2	4070.0	4115.9	4218.4	4289.7	4243.3	3985.7	3640.4
2.5°	24173.4	9779.8	5166.6	4497.6	4200.5	4232.4	4330.0	4355.3	4282.1	3999.5	3732.4
0°	26266.0	10334.9	5278.6	4589.7	4298.9	4324.2	4527.0	4424.1	4292.9	3982.8	3780.0
-2.5°	26053.8	10062.9	5327.9	4653.0	4393.7	4441.9	4683.5	4688.6	4391.6	4024.7	3816.9
-5°	24673.5	10052.8	5436.3	4752.0	4511.1	4577.7	4820.0	4851.6	4479.0	4081.8	3806.3
-7.5°	19956.8	9002.5	5450.6	4825.1	4633.4	4732.0	4941.5	4917.7	4582.7	4248.2	3851.9
-10°	13351.0	7162.9	5390.0	4902.6	4774.3	4908.7	5069.6	4981.1	4686.6	4403.8	3832.8
-12.5°	9867.7	6044.5	5308.1	4956.1	4937.4	5135.0	5216.0	5043.2	4798.7	4547.8	3741.2
-15°	6884.4	5765.9	5293.6	5118.6	5171.2	5336.6	5340.3	5082.9	4859.7	4644.0	3571.7
-17.5°	6010.5	5549.4	5284.6	5274.3	5435.0	5498.4	5366.2	5119.8	4883.6	4492.9	3257.8
-20°	5608.2	5397.4	5427.0	5541.4	5671.8	5665.2	5382.9	5146.2	4865.7	4080.0	2897.0



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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°	5428.5	5475.7	5607.0	5831.5	5867.6	5676.7	5408.4	5148.2	4805.1	3592.8	2522.7
-25°	5504.9	5684.6	5924.9	6019.1	5944.1	5670.9	5420.4	5096.8	4281.0	3110.4	2195.9
-27.5°	5754.6	6018.8	6175.9	6148.9	5926.8	5661.9	5368.8	4900.9	3675.4	2685.0	2180.3
-30°	6081.2	6219.5	6269.8	6160.5	5887.3	5610.3	5282.9	4185.4	3129.2	2330.7	2144.4
-32.5°	6286.9	6285.4	6233.9	6053.6	5816.8	5533.1	4579.5	3468.4	2566.2	2279.3	2119.2
-35°	6335.8	6209.1	6038.4	5873.2	5754.0	4830.8	3773.0	2813.2	2401.3	2226.8	2095.5
-37.5°	6185.1	5968.1	5767.3	5517.3	4806.6	3918.7	2933.0	2490.3	2318.9	2196.2	2075.9
-40°	5834.1	5599.0	5027.1	4419.3	3694.8	2864.2	2553.5	2383.8	2272.8	2166.4	2055.8
-42.5°	4948.3	4430.4	3879.6	3253.4	2704.4	2569.2	2436.3	2330.0	2228.7	2133.5	1978.2
-45°	3676.9	3212.8	2756.7	2651.0	2528.8	2445.9	2372.0	2282.0	2191.5	2043.1	1877.2
-47.5°	2710.7	2638.9	2556.0	2497.4	2434.5	2370.4	2312.6	2236.1	2082.0	1924.3	1753.4
-50°	2525.6	2492.4	2453.9	2412.5	2365.5	2312.3	2216.8	2098.1	1946.7	1786.2	1622.3
-52.5°	2441.0	2408.3	2376.4	2343.9	2266.5	2164.3	2056.7	1935.3	1794.4	1638.4	1481.3
-55°	2360.5	2302.8	2238.0	2167.6	2089.1	1986.1	1877.2	1758.8	1627.2	1480.3	1340.0
-57.5°	2166.1	2102.5	2037.2	1966.8	1891.6	1790.9	1679.8	1566.2	1452.0	1321.6	1196.8
-60°	1945.1	1882.3	1816.8	1744.2	1664.7	1573.7	1479.9	1379.1	1271.1	1171.6	1070.8
-62.5°	1702.6	1639.0	1578.6	1516.1	1451.1	1379.1	1292.3	1207.5	1121.1	1031.9	939.0
-65°	1459.3	1403.3	1351.5	1303.3	1252.4	1197.9	1123.0	1046.0	967.0	886.3	804.3
-67.5°	1232.9	1188.2	1146.8	1105.7	1061.6	1013.8	949.0	879.8	817.7	757.2	693.3
-70°	1022.5	984.0	946.8	910.3	876.5	843.1	797.9	746.3	692.9	648.4	607.3
-72.5°	844.2	815.6	787.8	761.7	732.8	709.4	681.6	647.4	612.2	575.9	542.4
-75°	717.6	696.9	677.1	660.4	642.5	623.4	603.0	577.6	552.2	527.0	501.5
-77.5°	633.1	617.0	601.5	589.7	577.2	564.1	548.2	526.2	504.3	482.3	459.9
-80°	566.8	553.3	540.0	529.5	518.7	507.5	494.8	475.7	456.4	437.0	417.3
-82.5°	499.9	488.7	477.4	468.5	459.3	449.8	439.4	423.0	406.5	389.9	373.3
-85°	432.3	423.2	414.0	407.0	399.8	392.3	384.4	370.9	357.2	343.5	329.6
-87.5°	370.0	363.4	356.8	351.4	345.8	340.1	334.3	323.6	313.0	302.4	291.8
-90°	1.5	1.5	1.5	1.9	2.3	2.6	3.0	3.4	3.8	4.1	4.5



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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°	252.7	243.1	233.4	223.7	210.7	197.6	184.6	171.5	157.7	143.9	130.1
87.5°	4.5	4.5	4.5	4.5	4.9	5.3	5.6	6.0	6.0	6.0	6.0
85°	4.5	4.5	4.5	4.5	4.9	5.3	5.6	6.0	6.0	6.0	6.0
82.5°	4.5	4.5	4.5	4.5	4.9	5.3	5.7	6.0	6.1	6.0	6.0
80°	4.8	5.0	5.0	5.0	5.1	5.3	5.7	6.1	6.4	6.6	6.4
77.5°	5.3	5.5	5.7	5.9	6.0	6.1	6.2	6.3	6.8	7.1	7.1
75°	6.0	5.9	5.9	6.3	6.7	6.8	6.9	7.2	7.7	7.8	7.8
72.5°	6.4	6.4	6.3	6.5	7.3	7.7	7.8	8.1	9.0	9.2	8.8
70°	8.7	7.5	7.1	7.9	8.6	8.8	9.0	9.8	10.3	10.7	10.4
67.5°	12.6	11.2	9.7	9.9	10.6	11.0	10.5	11.8	12.7	12.3	12.0
65°	23.0	17.6	13.5	14.4	14.2	13.5	13.2	14.4	15.3	15.1	13.8
62.5°	32.5	26.2	22.1	20.5	19.3	18.1	16.4	18.3	18.3	18.0	16.3
60°	40.9	34.1	31.8	30.6	27.1	23.7	22.7	22.5	22.7	21.1	19.4
57.5°	43.2	40.7	43.3	42.0	38.0	32.2	30.5	29.8	27.3	25.3	22.7
55°	45.3	45.8	55.7	55.9	50.7	43.5	41.4	39.1	33.2	30.0	26.8
52.5°	52.5	59.7	69.9	71.9	66.3	58.3	57.1	49.2	43.2	35.0	32.5
50°	69.4	83.1	91.3	91.8	83.9	80.9	74.3	65.4	53.9	41.6	38.7
47.5°	117.2	128.8	121.6	117.2	107.7	107.3	98.7	83.4	65.2	52.0	45.4
45°	212.7	201.8	174.7	152.2	143.3	142.3	128.0	102.5	82.7	64.9	52.6
42.5°	329.1	305.8	264.6	192.2	192.9	183.2	160.4	131.1	101.2	78.5	62.7
40°	487.2	428.4	371.5	296.5	249.8	228.9	201.4	163.2	120.7	94.2	74.9
37.5°	631.6	558.5	495.3	399.7	320.1	286.4	246.4	197.4	145.9	113.9	87.3
35°	718.8	676.6	604.9	499.5	410.8	348.4	294.5	235.8	177.6	134.0	100.0
32.5°	793.9	768.7	695.6	595.0	496.3	414.7	349.9	275.9	208.7	154.5	112.9
30°	863.7	837.2	785.7	683.7	577.4	489.5	405.5	314.3	239.0	175.3	126.9
27.5°	936.8	906.0	870.4	766.3	655.4	559.5	452.8	350.9	268.6	198.0	144.0
25°	1012.0	973.3	934.0	847.8	727.6	615.2	498.0	386.0	299.0	222.8	160.9
22.5°	1097.6	1038.1	997.3	928.4	793.0	671.4	543.3	424.5	328.7	246.8	177.6
20°	1182.3	1100.6	1058.1	993.5	858.1	727.6	589.8	460.9	356.8	269.7	194.0
17.5°	1296.0	1166.5	1106.4	1039.4	919.2	781.7	635.4	495.1	383.0	291.5	210.0
15°	1563.0	1237.6	1154.6	1083.8	974.8	833.5	679.6	527.0	407.5	312.2	224.6
12.5°	1842.5	1308.1	1202.7	1126.4	1025.0	882.7	722.0	556.4	430.1	330.9	237.4
10°	2124.3	1377.0	1250.3	1167.1	1070.0	928.7	762.1	586.6	454.7	348.0	249.2
7.5°	2397.5	1443.4	1296.6	1205.6	1110.3	968.6	800.0	621.8	478.9	363.9	259.8
5°	2631.5	1502.1	1343.2	1247.0	1147.5	1001.1	833.1	654.9	501.6	378.4	269.3
2.5°	2744.6	1549.0	1388.2	1287.0	1181.1	1029.1	861.5	685.4	522.5	391.4	277.6
0°	2809.3	1589.5	1430.0	1324.1	1210.8	1052.7	885.7	712.8	541.3	402.6	284.8
-2.5°	2804.5	1627.9	1470.0	1363.2	1253.1	1084.9	905.4	728.1	555.8	415.7	294.5
-5°	2754.2	1660.8	1506.6	1399.4	1290.4	1112.0	921.0	739.9	567.7	426.9	303.0
-7.5°	2718.2	1698.4	1542.6	1433.6	1321.9	1133.2	932.2	748.2	577.2	435.9	310.1
-10°	2640.8	1735.5	1578.9	1465.4	1341.1	1147.2	939.6	753.0	584.0	442.7	315.7
-12.5°	2504.1	1764.8	1610.6	1493.2	1353.3	1155.1	948.2	758.1	588.7	447.0	319.8
-15°	2305.7	1785.7	1637.2	1516.5	1359.8	1157.7	951.7	761.0	592.9	449.6	322.4
-17.5°	2043.7	1797.7	1658.6	1535.2	1360.4	1155.2	950.1	759.8	594.1	450.4	324.2
-20°	2001.5	1812.7	1674.7	1548.9	1355.0	1147.5	943.1	754.4	592.3	448.9	325.2



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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°	2003.4	1831.7	1692.6	1541.2	1342.4	1134.8	930.8	744.7	587.4	444.9	324.3
-25°	1997.4	1844.6	1708.3	1532.9	1322.9	1116.8	914.8	730.6	579.4	438.4	321.6
-27.5°	1998.8	1853.0	1721.0	1517.1	1303.8	1092.6	895.5	718.8	568.8	429.5	317.1
-30°	1999.3	1862.0	1703.3	1492.5	1277.0	1065.5	871.3	703.5	556.5	421.1	310.6
-32.5°	1987.7	1867.9	1670.3	1456.1	1241.8	1032.5	843.8	684.6	541.2	412.3	307.1
-35°	1977.8	1832.2	1628.6	1411.2	1198.7	998.5	816.2	662.1	523.1	401.1	303.8
-37.5°	1959.5	1768.2	1570.6	1357.3	1148.3	958.9	789.2	638.9	502.1	387.6	299.1
-40°	1882.1	1692.2	1495.2	1294.6	1096.8	913.6	757.5	612.4	482.8	371.7	293.2
-42.5°	1795.6	1602.8	1411.5	1222.1	1041.3	873.2	721.3	581.6	461.8	360.3	285.9
-45°	1691.1	1505.3	1320.3	1148.3	981.7	827.7	682.2	547.8	438.0	350.4	279.7
-47.5°	1578.3	1399.3	1229.1	1068.7	924.7	777.4	638.2	517.8	411.7	339.0	275.6
-50°	1456.4	1291.8	1136.3	993.1	858.7	722.8	592.5	484.7	395.6	325.1	270.7
-52.5°	1331.2	1184.9	1046.3	916.2	788.4	662.9	551.7	450.2	377.5	315.1	264.9
-55°	1204.7	1082.4	957.7	834.2	713.6	608.9	507.5	427.0	357.5	306.5	258.4
-57.5°	1087.9	980.3	863.1	747.2	645.0	553.2	471.9	401.7	344.1	296.9	252.9
-60°	970.3	868.9	763.0	667.8	579.2	504.5	440.4	378.8	332.1	287.0	246.2
-62.5°	846.0	756.8	675.4	591.3	524.1	465.5	409.7	363.9	319.1	277.9	238.6
-65°	732.9	660.7	589.8	534.9	480.0	430.1	391.2	348.1	307.1	268.1	230.4
-67.5°	628.8	582.5	536.0	485.6	445.1	408.0	371.3	333.0	294.8	257.6	221.5
-70°	565.4	523.1	488.6	454.7	419.6	385.2	352.5	317.8	281.6	246.0	211.9
-72.5°	513.7	485.1	456.6	426.0	394.4	363.6	333.4	301.5	267.0	233.7	201.8
-75°	475.5	449.9	424.6	398.1	369.3	341.0	312.7	283.5	251.6	220.8	191.1
-77.5°	437.1	414.6	392.4	368.9	342.4	316.4	290.8	264.8	235.5	207.1	179.8
-80°	397.4	377.6	357.9	337.7	314.2	291.1	268.1	244.9	218.5	192.9	168.2
-82.5°	356.4	339.6	322.7	305.4	284.8	264.4	244.3	224.2	200.9	178.2	157.3
-85°	315.3	301.0	286.6	272.1	254.6	237.3	221.2	204.9	185.7	166.9	148.5
-87.5°	280.6	269.3	258.0	246.6	232.1	217.6	203.0	188.4	171.8	155.5	139.4
-90°	4.5	4.5	4.5	4.5	4.9	5.3	5.6	6.0	6.0	6.0	6.0



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	116.3	96.9	77.5	58.2	38.8	23.8	8.9
87.5°	6.0	6.2	6.3	6.3	6.3	7.7	8.9
85°	6.0	6.3	6.5	6.6	6.5	8.0	8.9
82.5°	6.0	6.5	6.8	6.9	6.8	8.2	8.9
80°	6.2	6.7	7.0	7.1	7.1	8.5	8.9
77.5°	7.0	7.1	7.3	7.4	7.4	8.8	8.9
75°	7.9	8.2	7.7	7.7	7.7	9.1	8.9
72.5°	8.8	9.2	8.8	8.0	8.0	9.3	8.9
70°	9.9	10.3	9.9	8.5	8.4	9.6	8.9
67.5°	11.8	11.5	11.0	9.5	8.8	9.9	8.9
65°	13.9	13.1	12.2	10.5	9.2	10.2	8.9
62.5°	16.1	15.3	13.3	11.5	9.6	10.5	8.9
60°	18.4	17.6	14.5	12.5	10.1	10.8	8.9
57.5°	22.1	20.0	16.6	13.5	11.1	11.1	8.9
55°	26.1	22.4	18.7	14.5	12.2	11.4	8.9
52.5°	30.3	25.2	20.9	15.5	13.2	11.8	8.9
50°	34.8	29.1	23.1	16.6	14.3	12.1	8.9
47.5°	39.7	33.2	25.4	17.8	15.5	12.4	8.9
45°	45.9	37.3	27.7	19.5	16.7	12.7	8.9
42.5°	52.5	41.6	30.0	21.2	17.9	13.0	8.9
40°	59.3	46.0	32.9	23.5	19.1	13.4	8.9
37.5°	66.4	50.5	36.3	26.2	20.4	13.7	8.9
35°	73.7	55.8	39.7	28.9	21.7	14.0	8.9
32.5°	82.0	61.6	43.1	31.6	23.0	14.3	8.9
30°	92.5	67.4	46.5	34.4	24.3	14.6	8.9
27.5°	102.9	73.2	51.3	37.2	25.6	15.0	8.9
25°	113.2	79.0	56.3	40.0	27.0	15.3	8.9
22.5°	123.4	85.2	61.2	42.8	28.3	15.6	8.9
20°	133.4	92.3	66.0	45.6	29.6	15.9	8.9
17.5°	143.3	99.1	70.8	48.3	30.9	16.2	8.9
15°	153.0	105.7	75.4	51.0	32.2	16.5	8.9
12.5°	162.1	112.0	80.0	53.7	33.4	16.7	8.9
10°	170.6	118.0	84.3	56.3	34.6	17.0	8.9
7.5°	178.5	123.7	88.6	58.8	35.7	17.2	8.9
5°	185.8	129.0	92.6	61.2	36.8	17.5	8.9
2.5°	192.4	134.0	96.4	63.5	37.8	17.7	8.9
0°	198.3	138.7	99.9	65.6	38.8	17.9	8.9
-2.5°	205.3	144.5	104.4	69.1	40.9	18.8	8.9
-5°	211.7	149.8	108.6	72.3	42.9	19.6	8.9
-7.5°	217.3	154.8	112.5	75.5	44.9	20.4	8.9
-10°	222.1	159.3	116.1	78.4	46.7	21.3	8.9
-12.5°	226.1	163.4	119.5	81.1	48.4	22.0	8.9
-15°	229.4	167.1	122.6	83.6	50.0	22.8	8.9
-17.5°	231.9	170.3	125.3	85.9	51.4	23.5	8.9
-20°	234.0	173.0	127.8	88.0	52.8	24.1	8.9



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	235.9	175.2	130.0	89.8	54.0	24.8	8.9
-25°	236.9	177.4	131.9	91.4	55.0	25.4	8.9
-27.5°	236.9	179.2	133.5	92.8	55.9	25.9	8.9
-30°	235.9	180.4	134.8	93.9	56.6	26.4	8.9
-32.5°	233.8	181.0	135.9	94.7	57.2	26.9	8.9
-35°	233.0	181.1	136.6	95.3	57.6	27.3	8.9
-37.5°	232.6	181.0	136.9	95.6	57.9	27.7	8.9
-40°	231.3	180.9	136.8	95.6	58.0	28.0	8.9
-42.5°	229.4	180.4	136.4	95.4	57.9	28.2	8.9
-45°	226.7	179.3	135.7	94.8	57.7	28.4	8.9
-47.5°	223.3	177.7	134.6	94.0	57.3	28.6	8.9
-50°	220.5	175.6	133.1	93.1	56.7	28.7	8.9
-52.5°	217.2	173.0	131.2	91.9	56.0	28.8	8.9
-55°	213.3	170.0	129.0	90.4	55.1	28.8	8.9
-57.5°	208.8	166.6	126.4	88.7	54.0	28.7	8.9
-60°	203.7	162.6	123.4	86.8	52.8	28.6	8.9
-62.5°	198.1	158.2	120.3	84.6	52.3	28.4	8.9
-65°	191.8	153.3	116.7	82.2	51.6	28.2	8.9
-67.5°	185.0	148.1	112.9	79.5	50.8	28.0	8.9
-70°	177.7	142.4	108.7	76.7	49.8	27.7	8.9
-72.5°	170.0	136.4	104.3	74.7	48.8	27.4	8.9
-75°	161.7	130.0	99.6	72.8	47.6	27.0	8.9
-77.5°	153.0	123.3	96.1	70.7	46.4	26.5	8.9
-80°	143.9	117.8	92.8	68.5	45.0	26.1	8.9
-82.5°	137.2	112.9	89.3	66.1	43.6	25.6	8.9
-85°	130.5	107.8	85.5	63.6	42.1	25.0	8.9
-87.5°	123.5	102.5	81.6	60.9	40.5	24.5	8.9
-90°	6.0	6.0	6.0	6.0	6.0	7.5	8.9

(END OF REPORT)