

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: P1306267 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-80-4S-CV5-A**

Issue Date: 2/3/2026

**Test Information**

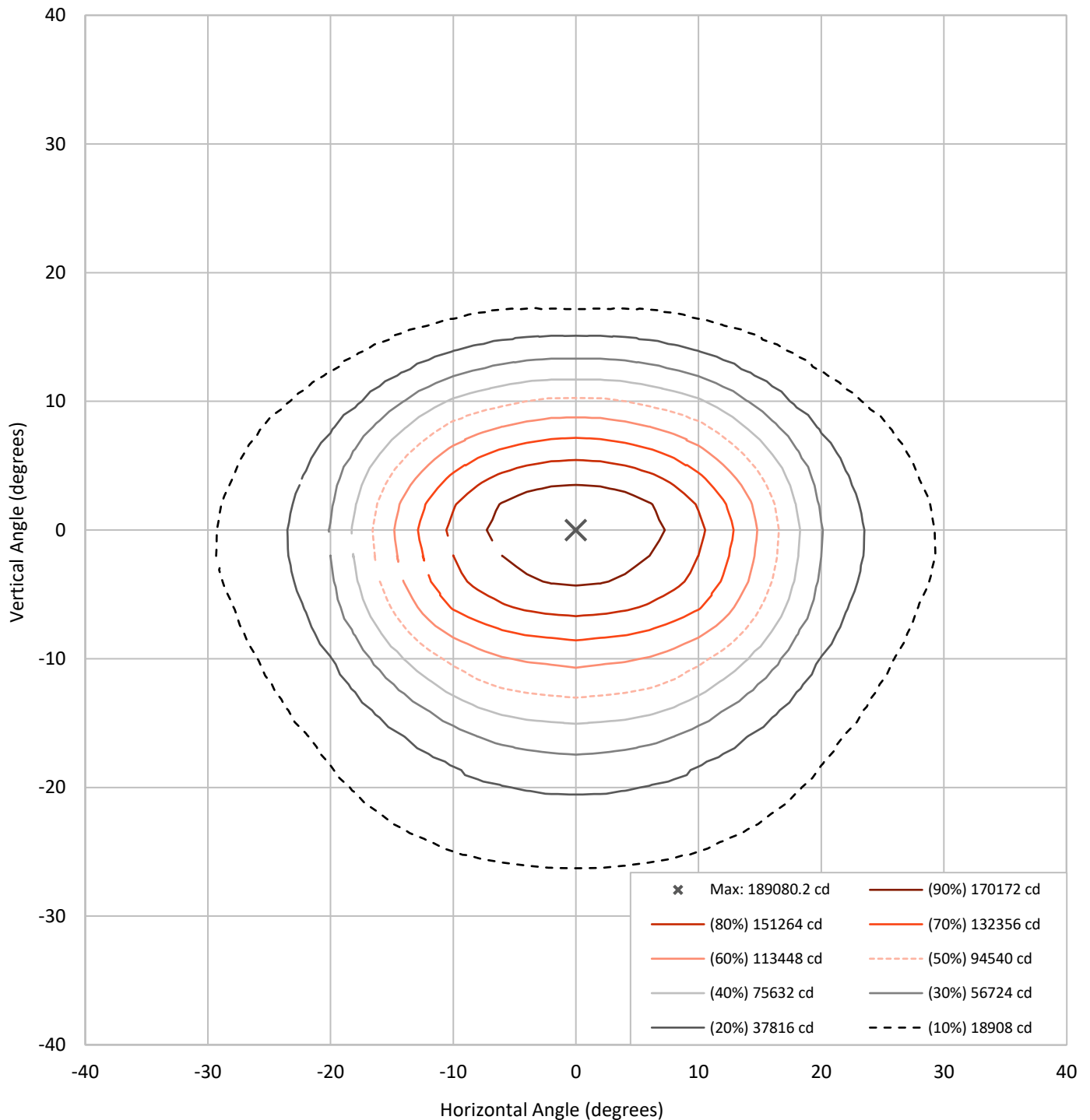
Test Method: LM-79-08  
Report Number: P1306267 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/3/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: EPHEBUS  
Catalog Number: EPH-08-530N-57-80-4S-CV5-A  
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE  
(8) 5700K, 80 CRI LEDS AND 4S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	4H x 3V
Luminaire Lumens:	49913.9 lumens	Max Intensity:	189080.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	90.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	33.1°H x 23.4°V	Field Angle (10%):	58.5°H x 43.2°V
Beam Lumens:	25254.8 lumens	Field Lumens:	43046.4 lumens
Beam Efficiency:	50.6%	Field Efficiency:	86.2%
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





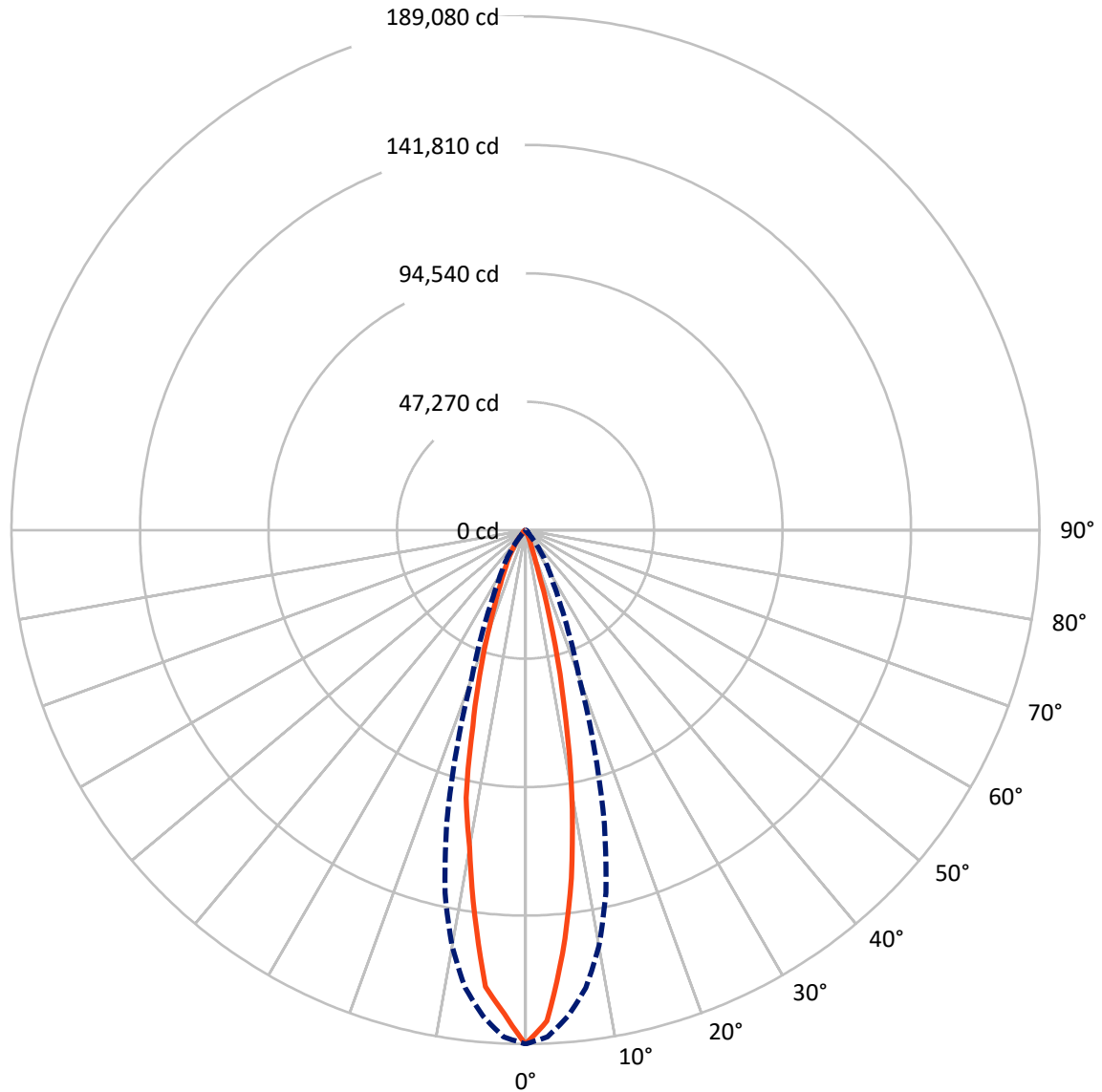
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### Lumen Table

90	0.2	0.5		0.7		0.7		0.5		0.7		0.7		0.5		0.2
80	0.2	0.5		0.7		0.7		0.5		0.7		0.7		0.5		0.2
70	0.2	0.1	0.2	0.4	0.6	0.4	0.3	0.2	0.2	0.3	0.4	0.6	0.4	0.2	0.1	0.2
60		0.1	0.3	0.7	0.7	0.3	0.2	0.2	0.2	0.2	0.3	0.7	0.7	0.3	0.1	
50	0.2	0.1	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.1	0.2
40		0.2	0.5	0.7	1.1	2.1	3.9	5.7	5.7	3.9	2.1	1.1	0.7	0.5	0.2	
30	0.2	0.3	1.3	2.8	7.5	20.8	43.1	71.6	71.6	43.1	20.8	7.5	2.8	1.3	0.3	0.2
20		0.8	4.3	11.3	67.4	210.5	641.3	1198.6	1198.6	641.3	210.5	67.4	11.3	4.3	0.8	
10	0.3	1.6	8.6	28.4	209.1	736.6	2550.2	4339.8	4339.8	2550.2	736.6	209.1	28.4	8.6	1.6	0.3
0		2.2	10.7	34.1	233.0	812.8	2808.9	4611.1	4611.1	2808.9	812.8	233.0	34.1	10.7	2.2	
-10	0.4	2.3	9.5	23.9	138.1	448.0	1243.1	2184.6	2184.6	1243.1	448.0	138.1	23.9	9.5	2.3	0.4
-20		2.2	8.0	16.0	57.7	223.9	461.5	672.0	672.0	461.5	223.9	57.7	16.0	8.0	2.2	
-30	0.4	1.8	6.7	12.5	23.4	69.7	158.3	224.6	224.6	158.3	69.7	23.4	12.5	6.7	1.8	0.4
-40		1.2	4.8	10.3	16.7	24.9	36.0	47.3	47.3	36.0	24.9	16.7	10.3	4.8	1.2	
-50	0.2	0.6	2.5	6.6	11.8	16.4	20.2	22.6	22.6	20.2	16.4	11.8	6.6	2.5	0.6	0.2
-60		0.2	0.9	2.5	4.9	7.9	10.7	12.3	12.3	10.7	7.9	4.9	2.5	0.9	0.2	
-70	0.2	0.6	2.5	6.6	11.8	16.4	20.2	22.6	22.6	20.2	16.4	11.8	6.6	2.5	0.6	0.2
-80		0.2	0.9	2.5	4.9	7.9	10.7	12.3	12.3	10.7	7.9	4.9	2.5	0.9	0.2	
-90	0.2	0.7		2.4		6.1		8.7		6.1		2.4		0.7		0.2

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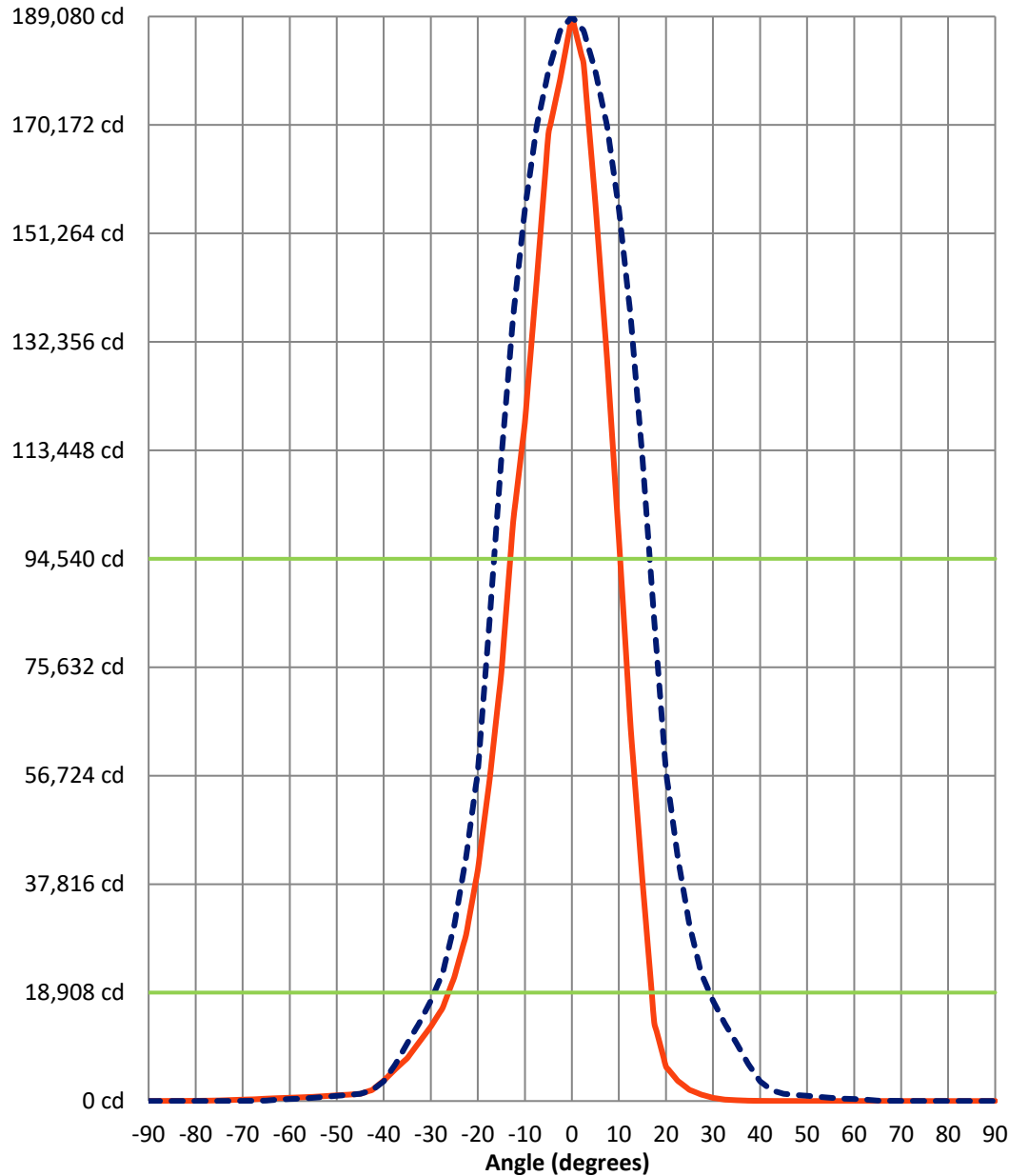
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 33.1°  
 V Angle: 23.4°  
 Lumens: 25254.8  
 Efficiency: 50.6%

**Field:**  
 H Angle: 58.5°  
 V Angle: 43.2°  
 Lumens: 43046.4  
 Efficiency: 86.2%

**Spill:**  
 Lumens: 6867.5  
 Efficiency: 13.8%

— 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°	6.9	7.7	8.6	8.2	7.8	7.3	6.9	7.3	7.8	8.2	8.6
87.5°	6.9	7.0	7.0	7.1	7.2	7.3	7.3	7.3	7.2	7.1	6.9
85°	6.9	7.0	7.2	7.3	7.5	7.6	7.8	7.7	7.5	7.2	6.9
82.5°	6.9	7.1	7.3	7.6	7.8	8.0	8.2	8.1	7.8	7.5	7.4
80°	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.3	8.1	8.0	8.1
77.5°	6.9	7.3	7.6	8.0	8.4	8.6	8.6	8.4	8.4	8.5	8.6
75°	6.9	7.3	7.8	8.2	8.6	8.6	8.6	8.5	8.6	8.6	8.6
72.5°	6.9	7.4	7.9	8.4	8.6	8.6	8.6	8.6	8.6	8.6	8.6
70°	6.9	7.5	8.1	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
67.5°	6.9	7.6	8.2	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
65°	6.9	7.6	8.3	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
62.5°	6.9	7.7	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
60°	6.9	7.7	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
57.5°	6.9	7.8	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
55°	6.9	7.9	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
52.5°	6.9	7.9	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
50°	6.9	8.0	8.6	8.6	8.6	8.6	8.6	8.7	8.6	8.6	9.4
47.5°	6.9	8.0	8.6	8.6	8.6	8.6	8.6	8.8	8.6	8.6	10.2
45°	6.9	8.1	8.6	8.6	8.6	8.6	8.8	9.0	8.7	9.2	10.8
42.5°	6.9	8.2	8.6	8.6	8.6	8.6	8.9	9.1	8.8	9.7	11.3
40°	6.9	8.2	8.6	8.6	8.6	8.6	9.1	9.2	9.1	10.1	11.6
37.5°	6.9	8.2	8.6	8.6	8.6	8.6	9.4	9.3	9.6	10.7	12.0
35°	6.9	8.3	8.6	8.6	8.6	8.7	9.6	9.5	10.1	11.5	12.3
32.5°	6.9	8.3	8.6	8.6	8.6	8.9	9.8	9.6	10.6	12.4	13.5
30°	6.9	8.4	8.6	8.6	8.6	9.1	9.9	9.8	11.0	13.5	15.0
27.5°	6.9	8.4	8.6	8.6	8.6	9.3	10.0	10.1	11.6	14.7	16.6
25°	6.9	8.4	8.6	8.6	8.6	9.5	10.1	10.5	12.6	16.1	18.6
22.5°	6.9	8.5	8.6	8.6	8.6	9.7	10.2	10.8	13.6	17.6	22.2
20°	6.9	8.5	8.6	8.6	8.6	9.8	10.4	11.2	14.6	19.2	26.1
17.5°	6.9	8.5	8.6	8.6	8.6	10.0	10.5	11.5	15.7	20.8	30.1
15°	6.9	8.5	8.6	8.6	8.6	10.1	10.7	12.0	16.8	22.5	34.3
12.5°	6.9	8.6	8.6	8.6	8.6	10.2	10.9	12.8	18.4	24.2	38.5
10°	6.9	8.6	8.6	8.6	8.6	10.3	11.1	13.7	20.4	27.7	44.0
7.5°	6.9	8.6	8.6	8.6	8.6	10.3	11.4	14.6	22.3	31.6	52.2
5°	6.9	8.6	8.6	8.6	8.6	10.4	11.6	15.6	24.2	35.6	60.4
2.5°	6.9	8.6	8.6	8.6	8.6	10.4	11.9	16.4	26.0	39.4	68.4
0°	6.9	8.6	8.6	8.6	8.6	10.4	11.9	16.4	26.0	39.4	68.4
-2.5°	6.9	8.6	8.6	8.6	8.6	10.6	13.2	19.7	32.5	52.2	89.6
-5°	6.9	8.6	8.6	8.6	8.6	10.7	14.3	22.0	37.2	60.8	102.4
-7.5°	6.9	8.6	8.6	8.6	8.6	10.9	15.3	24.1	41.4	68.8	114.0
-10°	6.9	8.6	8.6	8.6	8.6	11.0	16.2	26.0	45.2	75.8	124.2
-12.5°	6.9	8.6	8.6	8.6	8.6	11.0	16.9	27.6	48.3	81.8	133.2
-15°	6.9	8.5	8.6	8.6	8.6	11.0	17.4	28.9	51.2	87.6	140.7
-17.5°	6.9	8.5	8.6	8.6	8.6	11.0	17.7	30.3	54.0	92.0	146.3
-20°	6.9	8.5	8.6	8.6	8.6	10.9	18.0	31.6	55.7	94.9	149.8



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 CATALOG NUMBER: EPH-08-530N-57-80-4S-CV5-A

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.9	8.5	8.6	8.6	8.6	10.7	18.4	32.5	56.3	96.1	151.1
-25°	6.9	8.5	8.6	8.6	8.6	10.7	18.5	33.0	55.7	95.6	150.1
-27.5°	6.9	8.5	8.6	8.6	8.6	10.7	18.2	32.9	53.9	93.9	149.2
-30°	6.9	8.4	8.6	8.6	8.6	10.6	17.6	32.3	52.7	91.7	145.9
-32.5°	6.9	8.4	8.6	8.6	8.7	10.3	16.6	31.5	51.9	87.7	140.3
-35°	6.9	8.4	8.6	8.6	8.9	9.8	15.9	30.2	50.4	81.9	132.0
-37.5°	6.9	8.4	8.6	8.6	9.0	9.5	15.4	28.4	48.1	74.1	119.0
-40°	6.9	8.3	8.6	8.6	9.1	9.7	14.6	26.0	45.0	69.2	105.9
-42.5°	6.9	8.3	8.6	8.6	9.2	9.8	13.7	23.0	41.5	63.4	91.8
-45°	6.9	8.3	8.6	8.7	9.3	10.0	12.4	20.4	37.4	56.8	77.9
-47.5°	6.9	8.3	8.6	8.7	9.3	10.1	11.0	18.6	32.5	49.5	69.7
-50°	6.9	8.2	8.6	8.7	9.3	10.2	10.9	16.6	26.3	42.4	60.6
-52.5°	6.9	8.2	8.6	8.7	9.3	10.3	11.1	14.2	22.1	34.8	51.0
-55°	6.9	8.2	8.6	8.7	9.3	10.3	11.2	11.9	18.9	26.7	41.8
-57.5°	6.9	8.1	8.6	8.7	9.3	10.2	11.3	12.1	15.6	22.0	32.2
-60°	6.9	8.1	8.6	8.7	9.3	10.1	11.4	12.1	12.9	18.4	24.1
-62.5°	6.9	8.1	8.6	8.7	9.2	10.0	11.2	12.1	12.7	14.7	20.1
-65°	6.9	8.1	8.6	8.7	9.1	9.9	10.9	12.0	12.5	13.5	16.0
-67.5°	6.9	8.0	8.6	8.7	9.0	9.7	10.6	11.5	12.1	12.8	14.1
-70°	6.9	8.0	8.6	8.6	8.9	9.5	10.3	11.0	11.6	12.1	13.1
-72.5°	6.9	8.0	8.6	8.6	8.8	9.2	9.9	10.5	11.0	11.5	12.0
-75°	6.9	7.9	8.6	8.5	8.6	9.0	9.5	10.0	10.5	10.9	11.3
-77.5°	6.9	7.9	8.6	8.5	8.5	8.7	9.1	9.5	9.9	10.2	10.6
-80°	6.9	7.9	8.6	8.4	8.3	8.4	8.7	9.0	9.3	9.5	9.8
-82.5°	6.9	7.9	8.6	8.3	8.2	8.2	8.2	8.5	8.6	8.9	9.1
-85°	6.9	7.8	8.6	8.3	8.0	7.9	7.8	8.1	8.3	8.5	8.6
-87.5°	6.9	7.8	8.6	8.2	7.9	7.6	7.3	7.7	8.0	8.3	8.6
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9



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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°	8.2	7.8	7.3	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.5	6.1	5.6
85°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.7	6.5	6.4
82.5°	7.4	7.3	7.2	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
80°	8.0	7.8	7.4	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
77.5°	8.3	7.9	7.4	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9
75°	8.3	7.9	7.5	7.1	6.9	6.9	6.9	7.3	7.5	7.5	7.3
72.5°	8.4	7.9	7.5	7.1	7.3	7.7	8.1	8.4	8.8	9.1	9.4
70°	8.4	8.0	7.8	7.9	8.3	8.8	9.6	10.5	11.4	12.1	13.2
67.5°	8.5	8.3	8.4	8.7	9.3	10.2	11.3	13.5	15.9	17.3	18.7
65°	8.6	8.5	8.8	9.4	10.3	12.5	15.0	17.7	22.0	24.5	25.5
62.5°	8.6	8.7	9.2	10.5	12.9	15.6	19.1	23.9	29.7	33.6	33.8
60°	8.6	8.8	10.3	12.7	15.4	18.8	23.5	30.0	38.4	44.8	40.8
57.5°	8.6	9.6	12.0	14.6	17.6	21.4	27.6	35.8	43.9	52.4	44.9
55°	9.1	11.0	13.4	16.1	19.5	23.6	30.0	37.0	45.7	48.3	39.8
52.5°	10.2	12.2	14.2	17.1	20.9	24.6	28.6	34.7	37.4	37.9	31.6
50°	11.3	12.8	14.7	17.9	21.5	24.1	25.0	28.5	28.8	26.1	22.7
47.5°	11.9	13.3	14.8	18.2	21.6	23.1	22.6	21.8	20.0	18.5	14.4
45°	12.3	13.8	15.3	18.6	21.4	21.9	19.9	15.8	16.4	14.6	13.6
42.5°	12.8	14.3	16.6	19.2	21.0	20.8	17.9	16.6	15.5	15.2	14.8
40°	13.2	14.8	18.2	20.5	21.0	20.3	20.4	19.5	16.8	18.0	18.1
37.5°	13.6	16.4	20.5	24.0	21.6	22.8	24.4	24.8	23.4	22.9	25.2
35°	13.9	18.2	25.1	29.0	26.8	27.7	30.9	32.3	32.6	32.5	34.2
32.5°	15.0	20.2	31.2	35.0	36.0	36.6	38.8	42.2	45.9	47.5	45.5
30°	17.5	25.8	38.2	42.3	46.8	53.2	51.7	54.2	62.7	66.2	69.4
27.5°	21.4	33.2	45.2	52.1	60.1	74.7	80.0	74.6	81.9	88.8	99.2
25°	25.9	51.8	53.1	63.3	81.3	103.3	117.5	123.5	107.5	119.4	147.2
22.5°	36.0	76.1	81.1	75.3	105.7	138.4	166.2	181.1	179.1	167.6	204.9
20°	53.7	100.8	113.8	116.3	139.5	178.5	221.8	247.1	271.1	312.8	422.4
17.5°	74.5	128.1	148.6	169.5	211.7	246.4	283.4	321.0	377.8	501.9	873.6
15°	97.6	157.5	185.0	227.3	290.2	348.2	393.3	427.0	527.4	787.4	1444.8
12.5°	122.3	188.4	222.5	288.5	372.9	455.2	519.3	587.2	755.9	1267.3	2353.1
10°	147.6	220.3	260.7	351.8	458.3	565.6	648.7	750.9	1014.7	1810.6	3344.3
7.5°	175.7	254.3	299.6	415.7	544.8	677.5	779.9	916.0	1278.7	2359.6	4341.7
5°	203.0	290.0	341.1	470.9	617.5	775.8	902.3	1079.1	1539.9	2891.7	5311.0
2.5°	228.1	324.5	381.7	521.3	678.7	850.5	985.9	1176.7	1720.8	3241.3	6024.5
0°	250.2	357.1	421.0	567.6	735.0	919.6	1064.5	1266.4	1866.8	3452.3	6450.9
-2.5°	258.6	369.7	437.1	579.3	742.9	931.3	1079.0	1274.2	1911.6	3537.9	6513.7
-5°	263.4	379.3	451.3	587.0	745.5	935.9	1087.5	1274.0	1900.4	3463.8	6207.5
-7.5°	264.9	385.8	463.3	588.0	731.5	905.8	1045.0	1207.2	1750.6	3157.5	5547.4
-10°	263.4	384.8	459.7	566.3	695.0	853.0	988.0	1134.2	1577.9	2773.4	4813.3
-12.5°	258.6	377.8	452.8	543.4	657.1	796.3	928.2	1056.3	1386.1	2316.2	4057.2
-15°	252.1	369.5	445.6	520.1	619.0	736.8	866.4	974.5	1186.6	1828.3	3306.7
-17.5°	244.3	360.3	438.4	497.2	581.7	675.1	806.1	906.3	1039.4	1517.3	2702.9
-20°	235.8	350.5	431.6	475.5	546.9	628.3	748.0	849.8	962.3	1272.1	2055.3



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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°	227.0	340.4	421.8	463.4	524.1	596.1	689.5	790.1	884.1	1001.4	1505.6
-25°	222.5	325.7	407.1	455.2	502.9	564.8	633.0	727.4	811.3	924.1	1215.0
-27.5°	220.4	311.9	389.8	445.9	482.1	536.2	592.8	665.6	761.7	861.4	966.9
-30°	215.3	291.5	372.0	433.1	468.9	512.9	560.3	622.2	714.0	806.0	899.2
-32.5°	202.7	269.7	349.1	412.5	456.8	491.0	537.0	593.8	667.5	752.0	835.7
-35°	186.3	250.7	323.1	391.9	443.0	476.3	518.0	566.7	624.5	700.2	789.6
-37.5°	170.0	229.5	296.1	367.3	420.7	464.5	497.8	542.1	592.2	652.3	740.3
-40°	151.7	206.3	270.0	336.8	399.4	447.4	484.6	518.0	561.3	620.3	683.3
-42.5°	132.2	184.1	242.4	305.0	367.3	422.4	469.4	501.0	537.8	588.8	646.3
-45°	115.6	159.9	213.2	270.9	329.5	390.2	440.3	486.2	519.7	558.5	609.6
-47.5°	98.1	135.6	184.1	234.6	289.7	346.6	405.2	453.8	501.2	536.6	572.7
-50°	81.7	115.3	152.5	199.3	248.1	301.0	355.6	413.3	463.0	508.8	548.2
-52.5°	70.6	94.0	126.9	163.9	207.6	253.6	304.7	357.7	412.3	464.4	505.3
-55°	58.6	78.4	101.7	133.0	168.3	208.8	252.6	301.4	349.6	400.5	447.3
-57.5°	47.0	64.0	82.2	104.2	133.8	165.5	204.2	244.8	288.9	332.6	369.7
-60°	35.6	50.3	66.4	82.8	101.0	128.7	156.9	191.0	228.5	264.8	297.5
-62.5°	25.1	37.2	51.2	65.9	80.6	95.0	117.5	143.1	168.6	199.3	227.9
-65°	20.8	26.0	36.2	49.2	62.4	75.8	88.7	101.3	122.5	144.1	164.2
-67.5°	16.5	21.1	25.9	32.3	44.0	55.8	68.1	79.7	90.9	101.7	114.4
-70°	14.6	16.5	20.3	24.6	29.0	35.0	45.3	56.1	67.2	78.3	87.9
-72.5°	13.2	15.0	16.7	18.5	22.1	25.8	29.4	33.0	39.9	49.4	59.1
-75°	12.1	13.4	15.0	16.6	18.1	19.7	21.6	24.7	27.9	31.1	34.5
-77.5°	11.1	12.0	13.1	14.6	15.9	17.1	18.4	19.8	21.3	22.8	24.5
-80°	10.1	10.4	11.0	11.8	12.9	14.1	15.2	16.3	17.3	18.4	19.6
-82.5°	9.3	9.5	9.7	9.9	10.4	11.0	11.8	12.7	13.3	13.9	14.5
-85°	8.6	8.6	8.7	8.9	9.1	9.3	9.7	10.0	10.3	10.5	10.7
-87.5°	8.4	8.2	8.0	7.9	7.9	8.0	8.0	8.1	8.2	8.2	8.2
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.5	6.1	5.6



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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	6.9	7.8	8.6	9.5	10.4	11.2	12.1	13.0	13.8	14.7	15.5
87.5°	5.2	5.2	5.2	5.2	5.2	4.8	4.4	3.9	3.5	3.1	2.6
85°	6.3	6.1	5.8	5.5	5.2	4.8	4.4	3.9	3.5	3.1	2.6
82.5°	6.9	6.5	6.1	5.7	5.2	4.8	4.4	3.9	3.5	3.1	2.6
80°	6.9	6.5	6.1	5.7	5.3	4.8	4.4	4.0	3.5	3.1	2.6
77.5°	6.9	6.6	6.2	5.7	5.3	4.9	4.4	4.0	3.6	3.5	3.4
75°	7.0	6.8	6.7	6.5	6.1	5.8	5.5	5.2	4.9	4.7	4.3
72.5°	9.6	9.6	9.3	9.1	8.5	8.1	7.8	7.3	6.7	6.3	5.9
70°	14.2	14.8	14.3	13.3	11.8	10.6	9.9	9.2	8.4	7.7	7.0
67.5°	19.7	19.7	18.3	16.4	14.0	11.8	10.9	9.9	9.0	8.5	8.4
65°	25.4	23.8	21.4	18.5	15.2	11.9	11.0	10.1	9.1	8.6	8.6
62.5°	31.9	26.6	21.4	17.7	14.6	12.0	10.7	9.4	8.2	7.4	7.2
60°	34.3	25.4	18.3	15.2	12.7	10.7	9.3	8.3	7.4	6.9	6.9
57.5°	33.2	22.7	14.7	12.3	10.4	9.0	8.1	7.3	6.5	5.8	5.6
55°	28.3	18.5	11.1	9.5	8.5	7.6	6.7	6.2	5.7	5.2	5.2
52.5°	20.8	14.2	9.9	8.3	7.8	7.3	6.8	6.7	6.5	6.3	6.1
50°	15.2	11.0	9.5	8.5	8.1	8.1	8.4	8.4	8.2	8.0	7.8
47.5°	12.4	10.7	9.7	8.7	8.9	9.7	10.1	10.1	10.0	9.8	9.6
45°	12.0	11.1	10.5	11.1	11.6	12.1	12.1	11.9	12.4	12.6	12.3
42.5°	13.2	13.4	14.4	15.2	14.6	15.6	16.7	16.6	17.4	18.0	18.0
40°	18.6	18.2	20.8	21.6	22.0	23.0	25.9	25.6	26.9	30.6	31.3
37.5°	26.7	28.1	29.9	31.6	36.2	39.1	44.9	49.5	52.0	58.9	64.3
35°	37.6	41.4	42.4	51.5	60.9	69.8	77.8	87.6	91.7	107.1	117.8
32.5°	53.3	61.0	71.5	86.6	104.5	125.7	124.8	157.1	168.8	200.4	236.6
30°	74.5	96.2	130.6	154.5	198.4	232.9	250.4	300.9	368.7	433.5	521.8
27.5°	121.1	166.7	229.1	311.3	354.2	406.2	484.8	545.2	700.1	848.1	956.7
25°	208.3	304.0	421.7	543.2	619.3	687.4	831.2	936.6	1156.2	1321.0	1556.2
22.5°	398.3	602.9	751.9	842.0	1005.2	1218.6	1322.2	1612.2	1937.8	2353.5	2697.0
20°	671.2	993.1	1325.1	1527.7	1714.0	2185.1	2391.5	2934.8	3627.0	4409.2	5061.3
17.5°	1313.4	1607.5	2283.2	2941.5	3436.7	3901.8	5207.1	6139.5	7949.2	10164.2	11185.8
15°	2356.8	3178.9	3967.3	5161.4	6425.1	7831.1	9879.4	13415.8	17857.5	22701.0	27939.8
12.5°	3820.7	5321.5	6731.8	8234.8	10043.9	13498.6	18168.8	24345.3	32326.3	40889.2	50776.2
10°	5465.4	7749.3	9809.2	12078.5	15290.8	20423.1	27345.4	36873.6	51086.5	65614.7	78216.4
7.5°	6938.2	9704.3	12498.4	15783.1	20874.9	28205.0	38164.1	53041.1	71601.7	89580.5	104910.3
5°	8349.5	11580.9	14765.6	18680.7	25098.0	34664.4	47553.3	67963.0	91426.8	111375.7	128176.4
2.5°	9449.2	13049.3	16693.8	21298.3	28619.8	39504.4	54143.7	78846.7	107166.6	129290.8	148501.5
0°	10079.3	13531.6	17487.7	22258.2	30682.9	42539.3	57552.9	83857.0	112060.6	136647.2	155421.1
-2.5°	9955.9	13573.5	17618.0	22444.0	30429.3	41812.4	56612.6	81704.8	109776.1	131940.5	150132.1
-5°	9327.4	12637.1	16203.0	20437.0	27483.1	37855.3	52387.0	75966.9	102018.6	124188.4	142677.4
-7.5°	8347.3	11274.1	14378.3	18063.6	24022.6	33047.9	45538.9	63898.7	86980.6	107059.5	120917.3
-10°	7277.6	9852.9	12654.1	15989.2	20689.2	27764.5	37228.8	50491.5	69369.7	86100.9	98955.1
-12.5°	6263.3	8604.6	11041.4	13826.2	17383.7	22956.4	30149.5	40051.2	52220.5	65973.7	79103.5
-15°	5290.7	7346.6	9473.1	12050.9	15144.6	18925.5	23761.2	30423.2	38418.3	47432.5	57156.5
-17.5°	4364.7	6170.0	8170.6	10421.5	12978.0	15866.7	19922.2	24490.5	29566.2	35439.5	41008.0
-20°	3424.2	5092.3	6907.7	8911.5	11205.3	13838.6	16724.3	20155.8	23827.9	27840.8	32006.5



REPORT NUMBER: P1306267 (CONVERTED FROM TYPE C PHOTOMETRY)  
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**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2613.4	4034.8	5623.2	7447.5	9601.0	11922.2	14160.6	16413.0	19129.7	21776.2	24434.3
-25°	1830.1	2957.2	4440.3	6184.2	8012.7	9952.8	11614.1	13201.7	15088.3	16785.1	18552.0
-27.5°	1346.0	2120.4	3346.9	4893.5	6533.4	7864.1	9262.8	10565.0	11931.1	13008.1	14252.6
-30°	1026.4	1472.3	2383.6	3590.1	4905.8	6065.3	7144.8	8324.0	9447.3	10382.2	11164.6
-32.5°	936.1	1106.0	1567.3	2407.7	3358.8	4387.7	5321.6	6348.1	7290.3	8067.9	8690.8
-35°	879.8	971.9	1106.4	1530.6	2088.3	2900.6	3679.9	4520.5	5301.5	5943.0	6458.8
-37.5°	831.7	912.5	991.8	1071.6	1378.8	1721.4	2283.8	2892.3	3419.9	4006.5	4464.4
-40°	771.9	862.7	926.8	992.4	1066.2	1151.9	1448.6	1715.1	2013.4	2427.6	2770.4
-42.5°	706.4	783.0	862.9	927.1	984.0	1044.5	1111.7	1178.3	1315.5	1489.6	1631.3
-45°	663.4	713.9	771.9	844.8	911.3	961.7	1011.6	1060.0	1105.8	1147.0	1181.5
-47.5°	617.1	659.9	707.0	757.1	806.3	862.3	914.8	958.7	993.5	1026.7	1056.4
-50°	575.8	607.5	647.2	686.1	724.9	764.7	803.9	837.8	871.4	901.7	931.2
-52.5°	542.5	569.2	595.3	621.3	652.8	683.5	712.6	738.7	762.5	783.1	804.9
-55°	486.3	519.9	553.3	576.5	596.4	615.6	634.7	656.3	675.3	691.5	706.7
-57.5°	410.0	450.7	487.8	515.1	540.8	565.0	581.9	594.3	606.3	617.7	628.1
-60°	329.1	359.6	395.1	430.1	462.2	491.4	510.3	526.3	539.8	551.2	561.2
-62.5°	254.3	280.4	309.5	337.6	363.6	389.2	414.2	436.0	454.7	470.5	483.5
-65°	185.2	208.1	232.8	256.7	279.6	302.1	322.8	341.7	358.7	373.9	388.0
-67.5°	131.9	148.6	166.5	182.7	200.9	220.7	240.2	257.7	273.2	285.5	294.7
-70°	97.0	106.5	118.3	132.2	147.2	161.4	175.4	188.9	201.7	212.8	222.7
-72.5°	68.9	78.7	88.1	96.9	106.2	115.5	125.1	135.0	145.1	153.6	161.0
-75°	37.8	42.7	50.6	58.3	65.8	73.0	79.3	84.9	89.7	93.7	97.2
-77.5°	26.8	30.1	33.4	36.6	39.7	43.4	47.4	51.4	55.3	58.4	61.3
-80°	20.8	22.5	24.5	26.5	28.7	31.3	33.9	36.6	39.3	41.2	43.0
-82.5°	15.2	16.5	17.8	19.1	20.4	22.0	23.7	25.3	26.8	27.9	29.0
-85°	10.8	11.7	12.6	13.6	14.5	16.0	17.4	18.9	20.3	21.3	22.3
-87.5°	8.3	8.8	9.4	9.9	10.4	11.6	12.9	14.2	15.4	15.9	16.4
-90°	5.2	5.2	5.2	5.2	5.2	4.8	4.4	3.9	3.5	3.1	2.6



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**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	16.4	17.3	17.3	17.3	17.3	17.3	16.4	15.5	14.7	13.8	13.0
87.5°	2.2	1.7	1.7	1.7	1.7	1.7	2.2	2.6	3.1	3.5	3.9
85°	2.2	1.7	1.7	1.7	1.7	1.7	2.2	2.6	3.1	3.5	3.9
82.5°	2.2	1.7	1.7	1.7	1.7	1.7	2.2	2.6	3.1	3.5	3.9
80°	2.2	1.7	1.7	1.7	1.7	1.7	2.2	2.6	3.1	3.5	4.0
77.5°	3.4	3.5	2.6	1.7	2.6	3.5	3.4	3.4	3.5	3.6	4.0
75°	3.9	3.5	2.6	1.7	2.6	3.5	3.9	4.3	4.7	4.9	5.2
72.5°	5.6	5.2	5.2	5.2	5.2	5.2	5.6	5.9	6.3	6.7	7.3
70°	6.2	5.3	5.2	5.2	5.2	5.3	6.2	7.0	7.7	8.4	9.2
67.5°	8.4	8.5	8.6	8.6	8.6	8.5	8.4	8.4	8.5	9.0	9.9
65°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	9.1	10.1
62.5°	7.1	7.0	6.9	6.9	6.9	7.0	7.1	7.2	7.4	8.2	9.4
60°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.4	8.3
57.5°	5.4	5.3	5.2	5.2	5.2	5.3	5.4	5.6	5.8	6.5	7.3
55°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.7	6.2
52.5°	5.8	5.4	5.2	5.2	5.2	5.4	5.8	6.1	6.3	6.5	6.7
50°	7.4	7.0	6.9	6.9	6.9	7.0	7.4	7.8	8.0	8.2	8.4
47.5°	9.2	8.8	8.6	8.6	8.6	8.8	9.2	9.6	9.8	10.0	10.1
45°	11.8	10.9	10.4	10.4	10.4	10.9	11.8	12.3	12.6	12.4	11.9
42.5°	17.9	17.5	17.1	17.3	17.1	17.5	17.9	18.0	18.0	17.4	16.6
40°	32.8	33.7	34.1	34.5	34.1	33.7	32.8	31.3	30.6	26.9	25.6
37.5°	67.2	66.0	63.0	63.8	63.0	66.0	67.2	64.3	58.9	52.0	49.5
35°	124.8	132.3	137.6	141.5	137.6	132.3	124.8	117.8	107.1	91.7	87.6
32.5°	250.0	260.3	257.3	251.9	257.3	260.3	250.0	236.6	200.4	168.8	157.1
30°	573.9	603.9	595.8	560.7	595.8	603.9	573.9	521.8	433.5	368.7	300.9
27.5°	1034.7	1107.1	1154.3	1130.1	1154.3	1107.1	1034.7	956.7	848.1	700.1	545.2
25°	1759.2	1899.7	2000.4	1958.2	2000.4	1899.7	1759.2	1556.2	1321.0	1156.2	936.6
22.5°	3127.9	3358.7	3495.8	3531.7	3495.8	3358.7	3127.9	2697.0	2353.5	1937.8	1612.2
20°	5881.6	6065.6	6102.2	6011.0	6102.2	6065.6	5881.6	5061.3	4409.2	3627.0	2934.8
17.5°	14151.8	15001.8	14378.7	13724.8	14378.7	15001.8	14151.8	11185.8	10164.2	7949.2	6139.5
15°	32372.8	35962.3	38007.2	38424.4	38007.2	35962.3	32372.8	27939.8	22701.0	17857.5	13415.8
12.5°	57042.8	62827.4	65214.6	64991.6	65214.6	62827.4	57042.8	50776.2	40889.2	32326.3	24345.3
10°	86300.1	92484.5	97805.7	97859.6	97805.7	92484.5	86300.1	78216.4	65614.7	51086.5	36873.6
7.5°	115550.6	122682.8	127688.9	129117.1	127688.9	122682.8	115550.6	104910.3	89580.5	71601.7	53041.1
5°	141157.6	149987.7	154957.6	156475.3	154957.6	149987.7	141157.6	128176.4	111375.7	91426.8	67963.0
2.5°	163671.2	174488.5	179939.3	180786.7	179939.3	174488.5	163671.2	148501.5	129290.8	107166.6	78846.7
0°	169865.5	179508.2	186567.3	189080.2	186567.3	179508.2	169865.5	155421.1	136647.2	112060.6	83857.0
-2.5°	163758.8	172195.1	176402.4	178157.2	176402.4	172195.1	163758.8	150132.1	131940.5	109776.1	81704.8
-5°	154106.2	161979.1	167337.4	168578.3	167337.4	161979.1	154106.2	142677.4	124188.4	102018.6	75966.9
-7.5°	130057.2	137806.6	140214.1	142943.7	140214.1	137806.6	130057.2	120917.3	107059.5	86980.6	63898.7
-10°	108665.3	114693.8	116351.8	118285.6	116351.8	114693.8	108665.3	98955.1	86100.9	69369.7	50491.5
-12.5°	89911.3	95882.6	98585.9	100899.6	98585.9	95882.6	89911.3	79103.5	65973.7	52220.5	40051.2
-15°	65872.2	71484.6	73423.2	74674.9	73423.2	71484.6	65872.2	57156.5	47432.5	38418.3	30423.2
-17.5°	47716.7	51991.0	54531.0	56003.6	54531.0	51991.0	47716.7	41008.0	35439.5	29566.2	24490.5
-20°	35668.1	38117.6	40085.2	40301.5	40085.2	38117.6	35668.1	32006.5	27840.8	23827.9	20155.8



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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°	26661.2	28120.3	29026.1	28971.4	29026.1	28120.3	26661.2	24434.3	21776.2	19129.7	16413.0
-25°	19899.5	20880.4	21504.3	21616.4	21504.3	20880.4	19899.5	18552.0	16785.1	15088.3	13201.7
-27.5°	15143.5	15834.2	16192.0	16211.0	16192.0	15834.2	15143.5	14252.6	13008.1	11931.1	10565.0
-30°	11732.4	12307.6	12689.2	12981.2	12689.2	12307.6	11732.4	11164.6	10382.2	9447.3	8324.0
-32.5°	9214.2	9705.2	10038.1	10236.3	10038.1	9705.2	9214.2	8690.8	8067.9	7290.3	6348.1
-35°	6907.9	7301.1	7536.4	7477.5	7536.4	7301.1	6907.9	6458.8	5943.0	5301.5	4520.5
-37.5°	4867.7	5201.0	5438.2	5588.3	5438.2	5201.0	4867.7	4464.4	4006.5	3419.9	2892.3
-40°	3067.1	3297.7	3461.7	3566.2	3461.7	3297.7	3067.1	2770.4	2427.6	2013.4	1715.1
-42.5°	1746.8	1833.0	1891.0	1922.0	1891.0	1833.0	1746.8	1631.3	1489.6	1315.5	1178.3
-45°	1208.2	1229.7	1245.2	1254.3	1245.2	1229.7	1208.2	1181.5	1147.0	1105.8	1060.0
-47.5°	1079.6	1097.3	1108.8	1114.6	1108.8	1097.3	1079.6	1056.4	1026.7	993.5	958.7
-50°	957.8	979.4	992.4	997.2	992.4	979.4	957.8	931.2	901.7	871.4	837.8
-52.5°	825.2	842.8	854.6	860.9	854.6	842.8	825.2	804.9	783.1	762.5	738.7
-55°	720.1	731.3	737.1	738.4	737.1	731.3	720.1	706.7	691.5	675.3	656.3
-57.5°	636.9	644.1	649.8	653.9	649.8	644.1	636.9	628.1	617.7	606.3	594.3
-60°	569.3	575.6	578.8	579.7	578.8	575.6	569.3	561.2	551.2	539.8	526.3
-62.5°	493.6	501.0	506.8	510.7	506.8	501.0	493.6	483.5	470.5	454.7	436.0
-65°	400.8	412.0	418.0	421.0	418.0	412.0	400.8	388.0	373.9	358.7	341.7
-67.5°	302.1	307.8	309.2	308.8	309.2	307.8	302.1	294.7	285.5	273.2	257.7
-70°	232.0	240.5	243.6	245.0	243.6	240.5	232.0	222.7	212.8	201.7	188.9
-72.5°	167.7	173.7	177.1	179.4	177.1	173.7	167.7	161.0	153.6	145.1	135.0
-75°	100.1	102.6	104.1	105.2	104.1	102.6	100.1	97.2	93.7	89.7	84.9
-77.5°	64.1	66.8	68.0	69.0	68.0	66.8	64.1	61.3	58.4	55.3	51.4
-80°	44.7	46.3	46.5	46.6	46.5	46.3	44.7	43.0	41.2	39.3	36.6
-82.5°	30.0	31.0	31.1	31.1	31.1	31.0	30.0	29.0	27.9	26.8	25.3
-85°	23.2	24.1	24.2	24.2	24.2	24.1	23.2	22.3	21.3	20.3	18.9
-87.5°	16.8	17.3	18.1	19.0	18.1	17.3	16.8	16.4	15.9	15.4	14.2
-90°	2.2	1.7	0.9	0.0	0.9	1.7	2.2	2.6	3.1	3.5	3.9



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**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	12.1	11.2	10.4	9.5	8.6	7.8	6.9	6.9	6.9	6.9	6.9
87.5°	4.4	4.8	5.2	5.2	5.2	5.2	5.2	5.6	6.1	6.5	6.9
85°	4.4	4.8	5.2	5.5	5.8	6.1	6.3	6.4	6.5	6.7	6.9
82.5°	4.4	4.8	5.2	5.7	6.1	6.5	6.9	6.9	6.9	6.9	6.9
80°	4.4	4.8	5.3	5.7	6.1	6.5	6.9	6.9	6.9	6.9	6.9
77.5°	4.4	4.9	5.3	5.7	6.2	6.6	6.9	6.9	6.9	6.9	6.9
75°	5.5	5.8	6.1	6.5	6.7	6.8	7.0	7.3	7.5	7.5	7.3
72.5°	7.8	8.1	8.5	9.1	9.3	9.6	9.6	9.4	9.1	8.8	8.4
70°	9.9	10.6	11.8	13.3	14.3	14.8	14.2	13.2	12.1	11.4	10.5
67.5°	10.9	11.8	14.0	16.4	18.3	19.7	19.7	18.7	17.3	15.9	13.5
65°	11.0	11.9	15.2	18.5	21.4	23.8	25.4	25.5	24.5	22.0	17.7
62.5°	10.7	12.0	14.6	17.7	21.4	26.6	31.9	33.8	33.6	29.7	23.9
60°	9.3	10.7	12.7	15.2	18.3	25.4	34.3	40.8	44.8	38.4	30.0
57.5°	8.1	9.0	10.4	12.3	14.7	22.7	33.2	44.9	52.4	43.9	35.8
55°	6.7	7.6	8.5	9.5	11.1	18.5	28.3	39.8	48.3	45.7	37.0
52.5°	6.8	7.3	7.8	8.3	9.9	14.2	20.8	31.6	37.9	37.4	34.7
50°	8.4	8.1	8.1	8.5	9.5	11.0	15.2	22.7	26.1	28.8	28.5
47.5°	10.1	9.7	8.9	8.7	9.7	10.7	12.4	14.4	18.5	20.0	21.8
45°	12.1	12.1	11.6	11.1	10.5	11.1	12.0	13.6	14.6	16.4	15.8
42.5°	16.7	15.6	14.6	15.2	14.4	13.4	13.2	14.8	15.2	15.5	16.6
40°	25.9	23.0	22.0	21.6	20.8	18.2	18.6	18.1	18.0	16.8	19.5
37.5°	44.9	39.1	36.2	31.6	29.9	28.1	26.7	25.2	22.9	23.4	24.8
35°	77.8	69.8	60.9	51.5	42.4	41.4	37.6	34.2	32.5	32.6	32.3
32.5°	124.8	125.7	104.5	86.6	71.5	61.0	53.3	45.5	47.5	45.9	42.2
30°	250.4	232.9	198.4	154.5	130.6	96.2	74.5	69.4	66.2	62.7	54.2
27.5°	484.8	406.2	354.2	311.3	229.1	166.7	121.1	99.2	88.8	81.9	74.6
25°	831.2	687.4	619.3	543.2	421.7	304.0	208.3	147.2	119.4	107.5	123.5
22.5°	1322.2	1218.6	1005.2	842.0	751.9	602.9	398.3	204.9	167.6	179.1	181.1
20°	2391.5	2185.1	1714.0	1527.7	1325.1	993.1	671.2	422.4	312.8	271.1	247.1
17.5°	5207.1	3901.8	3436.7	2941.5	2283.2	1607.5	1313.4	873.6	501.9	377.8	321.0
15°	9879.4	7831.1	6425.1	5161.4	3967.3	3178.9	2356.8	1444.8	787.4	527.4	427.0
12.5°	18168.8	13498.6	10043.9	8234.8	6731.8	5321.5	3820.7	2353.1	1267.3	755.9	587.2
10°	27345.4	20423.1	15290.8	12078.5	9809.2	7749.3	5465.4	3344.3	1810.6	1014.7	750.9
7.5°	38164.1	28205.0	20874.9	15783.1	12498.4	9704.3	6938.2	4341.7	2359.6	1278.7	916.0
5°	47553.3	34664.4	25098.0	18680.7	14765.6	11580.9	8349.5	5311.0	2891.7	1539.9	1079.1
2.5°	54143.7	39504.4	28619.8	21298.3	16693.8	13049.3	9449.2	6024.5	3241.3	1720.8	1176.7
0°	57552.9	42539.3	30682.9	22258.2	17487.7	13531.6	10079.3	6450.9	3452.3	1866.8	1266.4
-2.5°	56612.6	41812.4	30429.3	22444.0	17618.0	13573.5	9955.9	6513.7	3537.9	1911.6	1274.2
-5°	52387.0	37855.3	27483.1	20437.0	16203.0	12637.1	9327.4	6207.5	3463.8	1900.4	1274.0
-7.5°	45538.9	33047.9	24022.6	18063.6	14378.3	11274.1	8347.3	5547.4	3157.5	1750.6	1207.2
-10°	37228.8	27764.5	20689.2	15989.2	12654.1	9852.9	7277.6	4813.3	2773.4	1577.9	1134.2
-12.5°	30149.5	22956.4	17383.7	13826.2	11041.4	8604.6	6263.3	4057.2	2316.2	1386.1	1056.3
-15°	23761.2	18925.5	15144.6	12050.9	9473.1	7346.6	5290.7	3306.7	1828.3	1186.6	974.5
-17.5°	19922.2	15866.7	12978.0	10421.5	8170.6	6170.0	4364.7	2702.9	1517.3	1039.4	906.3
-20°	16724.3	13838.6	11205.3	8911.5	6907.7	5092.3	3424.2	2055.3	1272.1	962.3	849.8



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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°	14160.6	11922.2	9601.0	7447.5	5623.2	4034.8	2613.4	1505.6	1001.4	884.1	790.1
-25°	11614.1	9952.8	8012.7	6184.2	4440.3	2957.2	1830.1	1215.0	924.1	811.3	727.4
-27.5°	9262.8	7864.1	6533.4	4893.5	3346.9	2120.4	1346.0	966.9	861.4	761.7	665.6
-30°	7144.8	6065.3	4905.8	3590.1	2383.6	1472.3	1026.4	899.2	806.0	714.0	622.2
-32.5°	5321.6	4387.7	3358.8	2407.7	1567.3	1106.0	936.1	835.7	752.0	667.5	593.8
-35°	3679.9	2900.6	2088.3	1530.6	1106.4	971.9	879.8	789.6	700.2	624.5	566.7
-37.5°	2283.8	1721.4	1378.8	1071.6	991.8	912.5	831.7	740.3	652.3	592.2	542.1
-40°	1448.6	1151.9	1066.2	992.4	926.8	862.7	771.9	683.3	620.3	561.3	518.0
-42.5°	1111.7	1044.5	984.0	927.1	862.9	783.0	706.4	646.3	588.8	537.8	501.0
-45°	1011.6	961.7	911.3	844.8	771.9	713.9	663.4	609.6	558.5	519.7	486.2
-47.5°	914.8	862.3	806.3	757.1	707.0	659.9	617.1	572.7	536.6	501.2	453.8
-50°	803.9	764.7	724.9	686.1	647.2	607.5	575.8	548.2	508.8	463.0	413.3
-52.5°	712.6	683.5	652.8	621.3	595.3	569.2	542.5	505.3	464.4	412.3	357.7
-55°	634.7	615.6	596.4	576.5	553.3	519.9	486.3	447.3	400.5	349.6	301.4
-57.5°	581.9	565.0	540.8	515.1	487.8	450.7	410.0	369.7	332.6	288.9	244.8
-60°	510.3	491.4	462.2	430.1	395.1	359.6	329.1	297.5	264.8	228.5	191.0
-62.5°	414.2	389.2	363.6	337.6	309.5	280.4	254.3	227.9	199.3	168.6	143.1
-65°	322.8	302.1	279.6	256.7	232.8	208.1	185.2	164.2	144.1	122.5	101.3
-67.5°	240.2	220.7	200.9	182.7	166.5	148.6	131.9	114.4	101.7	90.9	79.7
-70°	175.4	161.4	147.2	132.2	118.3	106.5	97.0	87.9	78.3	67.2	56.1
-72.5°	125.1	115.5	106.2	96.9	88.1	78.7	68.9	59.1	49.4	39.9	33.0
-75°	79.3	73.0	65.8	58.3	50.6	42.7	37.8	34.5	31.1	27.9	24.7
-77.5°	47.4	43.4	39.7	36.6	33.4	30.1	26.8	24.5	22.8	21.3	19.8
-80°	33.9	31.3	28.7	26.5	24.5	22.5	20.8	19.6	18.4	17.3	16.3
-82.5°	23.7	22.0	20.4	19.1	17.8	16.5	15.2	14.5	13.9	13.3	12.7
-85°	17.4	16.0	14.5	13.6	12.6	11.7	10.8	10.7	10.5	10.3	10.0
-87.5°	12.9	11.6	10.4	9.9	9.4	8.8	8.3	8.2	8.2	8.2	8.1
-90°	4.4	4.8	5.2	5.2	5.2	5.2	5.2	5.6	6.1	6.5	6.9



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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°	6.9	6.9	6.9	6.9	7.3	7.8	8.2	8.6	8.2	7.8	7.3
87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.1	7.2	7.3
85°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.2	7.5	7.7
82.5°	6.9	6.9	6.9	6.9	7.2	7.3	7.4	7.4	7.5	7.8	8.1
80°	6.9	6.9	6.9	7.0	7.4	7.8	8.0	8.1	8.0	8.1	8.3
77.5°	6.9	6.9	6.9	7.0	7.4	7.9	8.3	8.6	8.5	8.4	8.4
75°	6.9	6.9	6.9	7.1	7.5	7.9	8.3	8.6	8.6	8.6	8.5
72.5°	8.1	7.7	7.3	7.1	7.5	7.9	8.4	8.6	8.6	8.6	8.6
70°	9.6	8.8	8.3	7.9	7.8	8.0	8.4	8.6	8.6	8.6	8.6
67.5°	11.3	10.2	9.3	8.7	8.4	8.3	8.5	8.6	8.6	8.6	8.6
65°	15.0	12.5	10.3	9.4	8.8	8.5	8.6	8.6	8.6	8.6	8.6
62.5°	19.1	15.6	12.9	10.5	9.2	8.7	8.6	8.6	8.6	8.6	8.6
60°	23.5	18.8	15.4	12.7	10.3	8.8	8.6	8.6	8.6	8.6	8.6
57.5°	27.6	21.4	17.6	14.6	12.0	9.6	8.6	8.6	8.6	8.6	8.6
55°	30.0	23.6	19.5	16.1	13.4	11.0	9.1	8.6	8.6	8.6	8.6
52.5°	28.6	24.6	20.9	17.1	14.2	12.2	10.2	8.6	8.6	8.6	8.6
50°	25.0	24.1	21.5	17.9	14.7	12.8	11.3	9.4	8.6	8.6	8.7
47.5°	22.6	23.1	21.6	18.2	14.8	13.3	11.9	10.2	8.6	8.6	8.8
45°	19.9	21.9	21.4	18.6	15.3	13.8	12.3	10.8	9.2	8.7	9.0
42.5°	17.9	20.8	21.0	19.2	16.6	14.3	12.8	11.3	9.7	8.8	9.1
40°	20.4	20.3	21.0	20.5	18.2	14.8	13.2	11.6	10.1	9.1	9.2
37.5°	24.4	22.8	21.6	24.0	20.5	16.4	13.6	12.0	10.7	9.6	9.3
35°	30.9	27.7	26.8	29.0	25.1	18.2	13.9	12.3	11.5	10.1	9.5
32.5°	38.8	36.6	36.0	35.0	31.2	20.2	15.0	13.5	12.4	10.6	9.6
30°	51.7	53.2	46.8	42.3	38.2	25.8	17.5	15.0	13.5	11.0	9.8
27.5°	80.0	74.7	60.1	52.1	45.2	33.2	21.4	16.6	14.7	11.6	10.1
25°	117.5	103.3	81.3	63.3	53.1	51.8	25.9	18.6	16.1	12.6	10.5
22.5°	166.2	138.4	105.7	75.3	81.1	76.1	36.0	22.2	17.6	13.6	10.8
20°	221.8	178.5	139.5	116.3	113.8	100.8	53.7	26.1	19.2	14.6	11.2
17.5°	283.4	246.4	211.7	169.5	148.6	128.1	74.5	30.1	20.8	15.7	11.5
15°	393.3	348.2	290.2	227.3	185.0	157.5	97.6	34.3	22.5	16.8	12.0
12.5°	519.3	455.2	372.9	288.5	222.5	188.4	122.3	38.5	24.2	18.4	12.8
10°	648.7	565.6	458.3	351.8	260.7	220.3	147.6	44.0	27.7	20.4	13.7
7.5°	779.9	677.5	544.8	415.7	299.6	254.3	175.7	52.2	31.6	22.3	14.6
5°	902.3	775.8	617.5	470.9	341.1	290.0	203.0	60.4	35.6	24.2	15.6
2.5°	985.9	850.5	678.7	521.3	381.7	324.5	228.1	68.4	39.4	26.0	16.4
0°	1064.5	919.6	735.0	567.6	421.0	357.1	250.2	75.9	43.1	27.6	17.3
-2.5°	1079.0	931.3	742.9	579.3	437.1	369.7	258.6	89.6	52.2	32.5	19.7
-5°	1087.5	935.9	745.5	587.0	451.3	379.3	263.4	102.4	60.8	37.2	22.0
-7.5°	1045.0	905.8	731.5	588.0	463.3	385.8	264.9	114.0	68.8	41.4	24.1
-10°	988.0	853.0	695.0	566.3	459.7	384.8	263.4	124.2	75.8	45.2	26.0
-12.5°	928.2	796.3	657.1	543.4	452.8	377.8	258.6	133.2	81.8	48.3	27.6
-15°	866.4	736.8	619.0	520.1	445.6	369.5	252.1	140.7	87.6	51.2	28.9
-17.5°	806.1	675.1	581.7	497.2	438.4	360.3	244.3	146.3	92.0	54.0	30.3
-20°	748.0	628.3	546.9	475.5	431.6	350.5	235.8	149.8	94.9	55.7	31.6



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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°	689.5	596.1	524.1	463.4	421.8	340.4	227.0	151.1	96.1	56.3	32.5
-25°	633.0	564.8	502.9	455.2	407.1	325.7	222.5	150.1	95.6	55.7	33.0
-27.5°	592.8	536.2	482.1	445.9	389.8	311.9	220.4	149.2	93.9	53.9	32.9
-30°	560.3	512.9	468.9	433.1	372.0	291.5	215.3	145.9	91.7	52.7	32.3
-32.5°	537.0	491.0	456.8	412.5	349.1	269.7	202.7	140.3	87.7	51.9	31.5
-35°	518.0	476.3	443.0	391.9	323.1	250.7	186.3	132.0	81.9	50.4	30.2
-37.5°	497.8	464.5	420.7	367.3	296.1	229.5	170.0	119.0	74.1	48.1	28.4
-40°	484.6	447.4	399.4	336.8	270.0	206.3	151.7	105.9	69.2	45.0	26.0
-42.5°	469.4	422.4	367.3	305.0	242.4	184.1	132.2	91.8	63.4	41.5	23.0
-45°	440.3	390.2	329.5	270.9	213.2	159.9	115.6	77.9	56.8	37.4	20.4
-47.5°	405.2	346.6	289.7	234.6	184.1	135.6	98.1	69.7	49.5	32.5	18.6
-50°	355.6	301.0	248.1	199.3	152.5	115.3	81.7	60.6	42.4	26.3	16.6
-52.5°	304.7	253.6	207.6	163.9	126.9	94.0	70.6	51.0	34.8	22.1	14.2
-55°	252.6	208.8	168.3	133.0	101.7	78.4	58.6	41.8	26.7	18.9	11.9
-57.5°	204.2	165.5	133.8	104.2	82.2	64.0	47.0	32.2	22.0	15.6	12.1
-60°	156.9	128.7	101.0	82.8	66.4	50.3	35.6	24.1	18.4	12.9	12.1
-62.5°	117.5	95.0	80.6	65.9	51.2	37.2	25.1	20.1	14.7	12.7	12.1
-65°	88.7	75.8	62.4	49.2	36.2	26.0	20.8	16.0	13.5	12.5	12.0
-67.5°	68.1	55.8	44.0	32.3	25.9	21.1	16.5	14.1	12.8	12.1	11.5
-70°	45.3	35.0	29.0	24.6	20.3	16.5	14.6	13.1	12.1	11.6	11.0
-72.5°	29.4	25.8	22.1	18.5	16.7	15.0	13.2	12.0	11.5	11.0	10.5
-75°	21.6	19.7	18.1	16.6	15.0	13.4	12.1	11.3	10.9	10.5	10.0
-77.5°	18.4	17.1	15.9	14.6	13.1	12.0	11.1	10.6	10.2	9.9	9.5
-80°	15.2	14.1	12.9	11.8	11.0	10.4	10.1	9.8	9.5	9.3	9.0
-82.5°	11.8	11.0	10.4	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.5
-85°	9.7	9.3	9.1	8.9	8.7	8.6	8.6	8.6	8.5	8.3	8.1
-87.5°	8.0	8.0	7.9	7.9	8.0	8.2	8.4	8.6	8.3	8.0	7.7
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	6.9	7.3	7.8	8.2	8.6	7.7	6.9
87.5°	7.3	7.3	7.2	7.1	7.0	7.0	6.9
85°	7.8	7.6	7.5	7.3	7.2	7.0	6.9
82.5°	8.2	8.0	7.8	7.6	7.3	7.1	6.9
80°	8.6	8.4	8.1	7.8	7.5	7.2	6.9
77.5°	8.6	8.6	8.4	8.0	7.6	7.3	6.9
75°	8.6	8.6	8.6	8.2	7.8	7.3	6.9
72.5°	8.6	8.6	8.6	8.4	7.9	7.4	6.9
70°	8.6	8.6	8.6	8.6	8.1	7.5	6.9
67.5°	8.6	8.6	8.6	8.6	8.2	7.6	6.9
65°	8.6	8.6	8.6	8.6	8.3	7.6	6.9
62.5°	8.6	8.6	8.6	8.6	8.5	7.7	6.9
60°	8.6	8.6	8.6	8.6	8.6	7.7	6.9
57.5°	8.6	8.6	8.6	8.6	8.6	7.8	6.9
55°	8.6	8.6	8.6	8.6	8.6	7.9	6.9
52.5°	8.6	8.6	8.6	8.6	8.6	7.9	6.9
50°	8.6	8.6	8.6	8.6	8.6	8.0	6.9
47.5°	8.6	8.6	8.6	8.6	8.6	8.0	6.9
45°	8.8	8.6	8.6	8.6	8.6	8.1	6.9
42.5°	8.9	8.6	8.6	8.6	8.6	8.2	6.9
40°	9.1	8.6	8.6	8.6	8.6	8.2	6.9
37.5°	9.4	8.6	8.6	8.6	8.6	8.2	6.9
35°	9.6	8.7	8.6	8.6	8.6	8.3	6.9
32.5°	9.8	8.9	8.6	8.6	8.6	8.3	6.9
30°	9.9	9.1	8.6	8.6	8.6	8.4	6.9
27.5°	10.0	9.3	8.6	8.6	8.6	8.4	6.9
25°	10.1	9.5	8.6	8.6	8.6	8.4	6.9
22.5°	10.2	9.7	8.6	8.6	8.6	8.5	6.9
20°	10.4	9.8	8.6	8.6	8.6	8.5	6.9
17.5°	10.5	10.0	8.6	8.6	8.6	8.5	6.9
15°	10.7	10.1	8.6	8.6	8.6	8.5	6.9
12.5°	10.9	10.2	8.6	8.6	8.6	8.6	6.9
10°	11.1	10.3	8.6	8.6	8.6	8.6	6.9
7.5°	11.4	10.3	8.6	8.6	8.6	8.6	6.9
5°	11.6	10.4	8.6	8.6	8.6	8.6	6.9
2.5°	11.9	10.4	8.6	8.6	8.6	8.6	6.9
0°	12.1	10.4	8.6	8.6	8.6	8.6	6.9
-2.5°	13.2	10.6	8.6	8.6	8.6	8.6	6.9
-5°	14.3	10.7	8.6	8.6	8.6	8.6	6.9
-7.5°	15.3	10.9	8.6	8.6	8.6	8.6	6.9
-10°	16.2	11.0	8.6	8.6	8.6	8.6	6.9
-12.5°	16.9	11.0	8.6	8.6	8.6	8.6	6.9
-15°	17.4	11.0	8.6	8.6	8.6	8.5	6.9
-17.5°	17.7	11.0	8.6	8.6	8.6	8.5	6.9
-20°	18.0	10.9	8.6	8.6	8.6	8.5	6.9



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**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.4	10.7	8.6	8.6	8.6	8.5	6.9
-25°	18.5	10.7	8.6	8.6	8.6	8.5	6.9
-27.5°	18.2	10.7	8.6	8.6	8.6	8.5	6.9
-30°	17.6	10.6	8.6	8.6	8.6	8.4	6.9
-32.5°	16.6	10.3	8.7	8.6	8.6	8.4	6.9
-35°	15.9	9.8	8.9	8.6	8.6	8.4	6.9
-37.5°	15.4	9.5	9.0	8.6	8.6	8.4	6.9
-40°	14.6	9.7	9.1	8.6	8.6	8.3	6.9
-42.5°	13.7	9.8	9.2	8.6	8.6	8.3	6.9
-45°	12.4	10.0	9.3	8.7	8.6	8.3	6.9
-47.5°	11.0	10.1	9.3	8.7	8.6	8.3	6.9
-50°	10.9	10.2	9.3	8.7	8.6	8.2	6.9
-52.5°	11.1	10.3	9.3	8.7	8.6	8.2	6.9
-55°	11.2	10.3	9.3	8.7	8.6	8.2	6.9
-57.5°	11.3	10.2	9.3	8.7	8.6	8.1	6.9
-60°	11.4	10.1	9.3	8.7	8.6	8.1	6.9
-62.5°	11.2	10.0	9.2	8.7	8.6	8.1	6.9
-65°	10.9	9.9	9.1	8.7	8.6	8.1	6.9
-67.5°	10.6	9.7	9.0	8.7	8.6	8.0	6.9
-70°	10.3	9.5	8.9	8.6	8.6	8.0	6.9
-72.5°	9.9	9.2	8.8	8.6	8.6	8.0	6.9
-75°	9.5	9.0	8.6	8.5	8.6	7.9	6.9
-77.5°	9.1	8.7	8.5	8.5	8.6	7.9	6.9
-80°	8.7	8.4	8.3	8.4	8.6	7.9	6.9
-82.5°	8.2	8.2	8.2	8.3	8.6	7.9	6.9
-85°	7.8	7.9	8.0	8.3	8.6	7.8	6.9
-87.5°	7.3	7.6	7.9	8.2	8.6	7.8	6.9
-90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9

(END OF REPORT)