

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: P1306139 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-2S-CV5-A**

Issue Date: 2/3/2026

Test Information

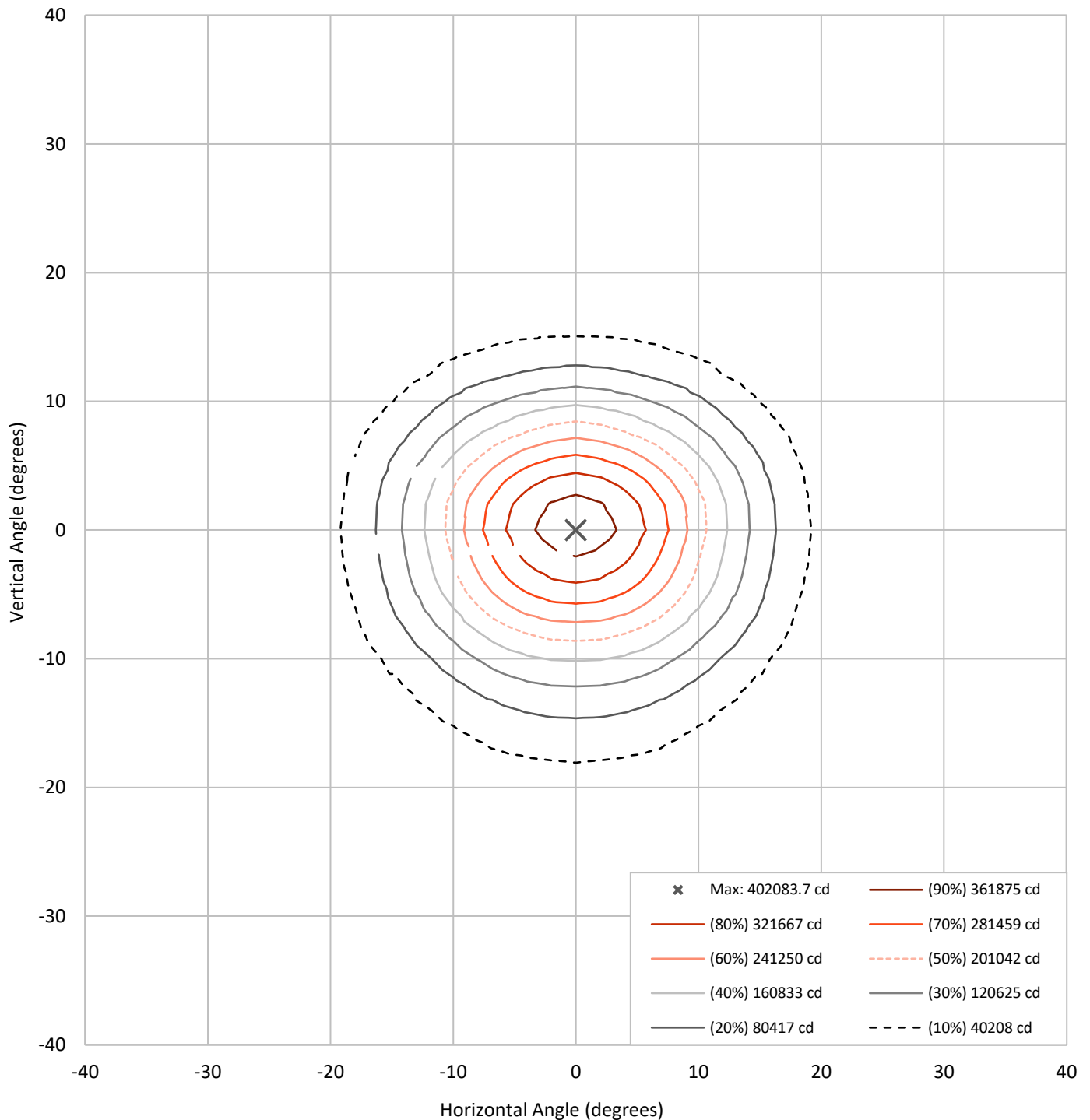
Test Method: LM-79-08
Report Number: P1306139 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2105-240-9)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-40-70-2S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 2S BEAM SHAPE WITH 5 LOUVER CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	54232.8 lumens	Max Intensity:	402083.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	21.3°H x 17°V	Field Angle (10%):	38.4°H x 32.9°V
Beam Lumens:	23733.6 lumens	Field Lumens:	45938.1 lumens
Beam Efficiency:	43.8%	Field Efficiency:	84.7%
Input Watts (W):	569		
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





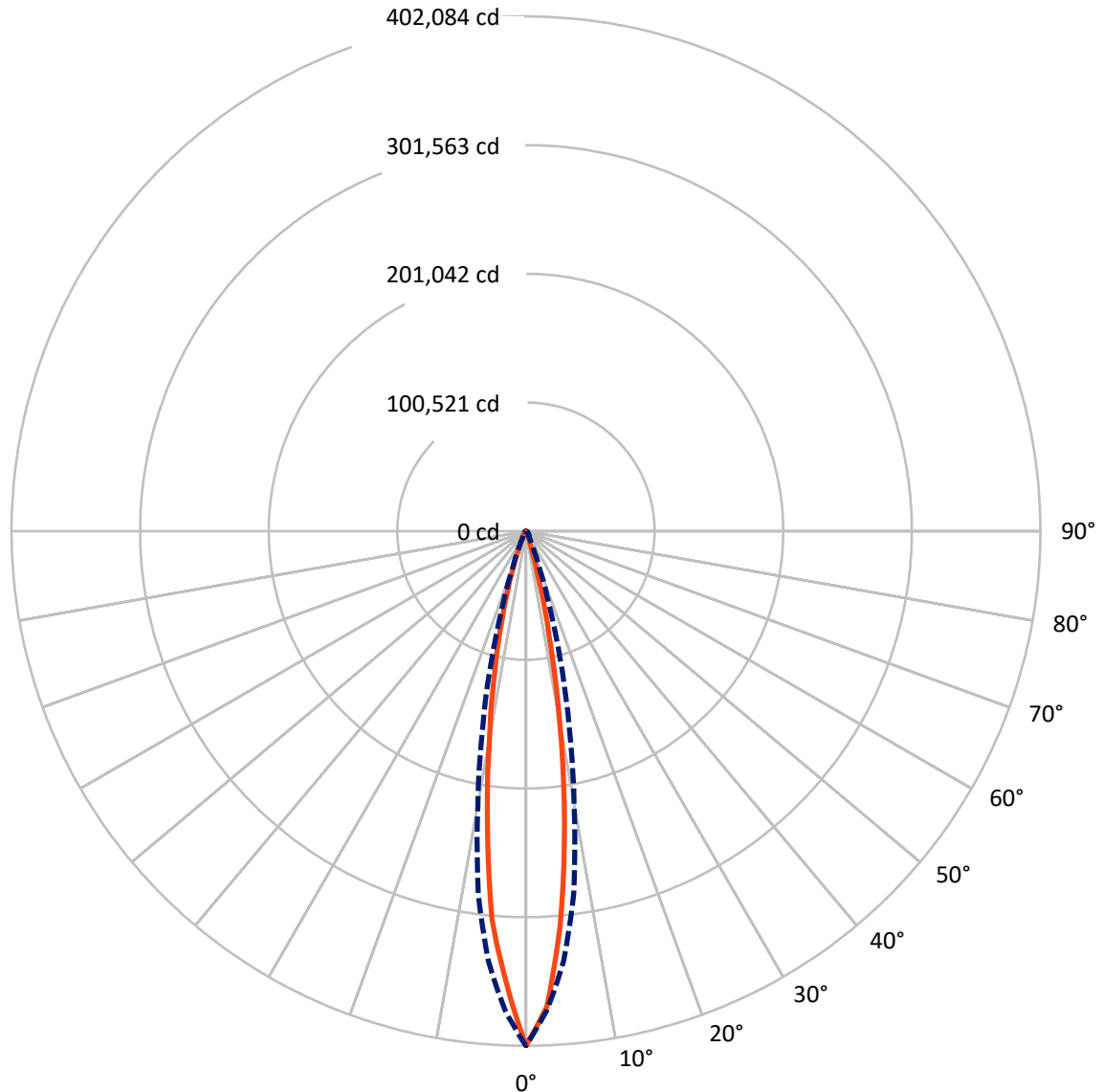
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Lumen Table

90	0.1	0.4		0.6		0.7		0.8		0.7		0.6		0.4		0.1
80	0.1	0.4		0.6		0.7		0.8		0.7		0.6		0.4		0.1
70	0.2	0.1	0.2	0.6	0.7	0.4	0.2	0.2	0.2	0.2	0.4	0.7	0.6	0.2	0.1	0.2
60		0.1	0.4	0.5	0.4	0.2	0.1	0.2	0.2	0.1	0.2	0.4	0.5	0.4	0.1	
50	0.2	0.2	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.2	0.2
40		0.2	0.5	0.8	1.4	2.0	2.3	2.7	2.7	2.3	2.0	1.4	0.8	0.5	0.2	
30	0.3	0.4	1.4	3.5	6.8	8.7	15.4	32.6	32.6	15.4	8.7	6.8	3.5	1.4	0.4	0.3
20		1.0	5.0	16.7	34.8	63.2	436.3	1343.9	1343.9	436.3	63.2	34.8	16.7	5.0	1.0	
10	0.4	1.9	10.3	40.5	81.2	258.0	2519.0	7488.1	7488.1	2519.0	258.0	81.2	40.5	10.3	1.9	0.4
0		2.5	12.3	47.4	92.7	269.2	2571.2	7528.4	7528.4	2571.2	269.2	92.7	47.4	12.3	2.5	
-10	0.6	2.7	10.7	35.4	71.6	116.2	710.0	2109.1	2109.1	710.0	116.2	71.6	35.4	10.7	2.7	0.6
-20		2.6	9.0	21.0	53.3	75.7	114.4	240.1	240.1	114.4	75.7	53.3	21.0	9.0	2.6	
-30	0.5	2.3	7.3	14.5	32.6	62.4	79.5	85.4	85.4	79.5	62.4	32.6	14.5	7.3	2.3	0.5
-40		1.6	5.4	11.6	19.7	31.9	51.9	67.4	67.4	51.9	31.9	19.7	11.6	5.4	1.6	
-50	0.3	0.8	3.1	7.4	13.3	19.4	24.0	26.7	26.7	24.0	19.4	13.3	7.4	3.1	0.8	0.3
-60		0.3	1.1	3.1	5.9	9.2	12.4	14.5	14.5	12.4	9.2	5.9	3.1	1.1	0.3	
-70	0.2	1.0		2.7		6.8		10.6		6.8		2.7		1.0		0.2
-80		1.0		2.7		6.8		10.6		6.8		2.7		1.0		
-90	0.2	1.0		2.7		6.8		10.6		6.8		2.7		1.0		0.2

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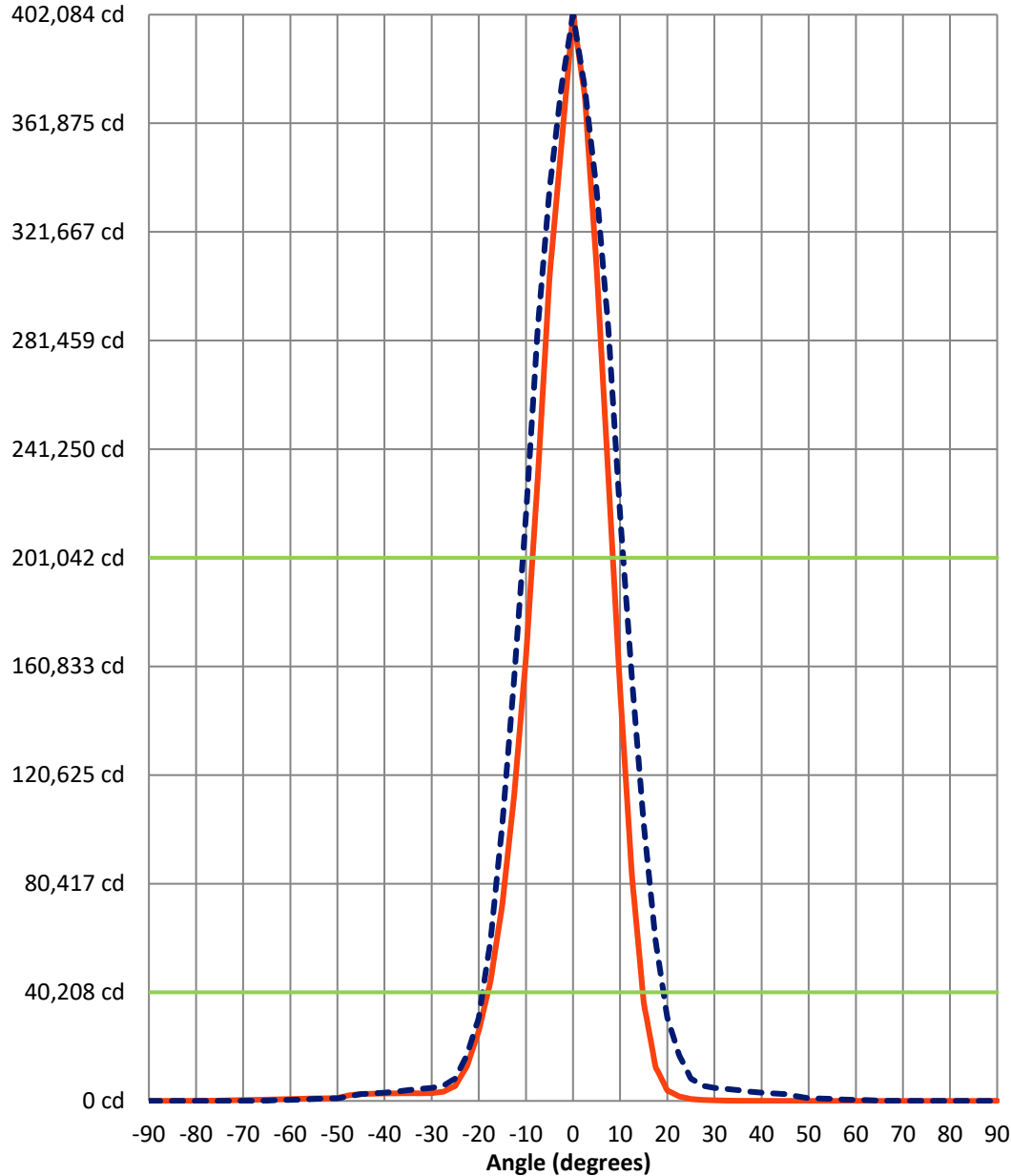
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 21.3°
V Angle: 17°
Lumens: 23733.6
Efficiency: 43.8%

Field:
H Angle: 38.4°
V Angle: 32.9°
Lumens: 45938.1
Efficiency: 84.7%

Spill:
Lumens: 8294.8
Efficiency: 15.3%

— 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°	6.7	6.7	6.7	7.1	7.6	8.0	8.4	8.8	9.2	9.6	10.0
87.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.4	6.1	5.9	5.7
85°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.5	6.4	6.4	6.4
82.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
80°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
77.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
75°	6.7	6.7	6.7	6.7	6.7	6.8	6.7	6.7	6.7	6.7	6.7
72.5°	6.7	6.7	6.7	6.7	6.9	7.0	6.8	6.7	6.7	6.7	6.7
70°	6.7	6.7	6.7	6.7	7.0	7.1	6.8	6.7	6.7	6.7	6.8
67.5°	6.7	6.7	6.7	6.9	7.2	7.2	6.9	6.7	6.7	7.0	6.9
65°	6.7	6.7	6.7	7.1	7.4	7.3	6.9	6.7	7.1	7.2	7.1
62.5°	6.7	6.7	6.7	7.2	7.6	7.4	7.0	7.0	7.5	7.5	7.1
60°	6.7	6.7	6.7	7.4	7.8	7.4	7.0	7.5	7.9	7.6	7.2
57.5°	6.7	6.7	6.8	7.6	7.8	7.4	7.4	7.9	8.0	7.7	7.7
55°	6.7	6.7	6.9	7.8	7.9	7.5	7.8	8.4	8.1	7.9	8.4
52.5°	6.7	6.7	7.1	8.0	7.9	7.6	8.3	8.6	8.2	8.5	9.1
50°	6.7	6.7	7.2	8.2	7.9	7.9	8.7	8.7	8.4	9.1	10.5
47.5°	6.7	6.7	7.3	8.3	8.0	8.3	9.0	8.9	8.9	9.7	11.7
45°	6.7	6.7	7.4	8.3	8.0	8.6	9.2	9.2	9.5	10.4	12.7
42.5°	6.7	6.7	7.5	8.4	8.1	8.9	9.5	9.6	10.1	11.0	14.0
40°	6.7	6.7	7.6	8.4	8.2	9.2	9.7	10.1	10.8	11.4	15.2
37.5°	6.7	6.7	7.7	8.5	8.5	9.5	10.0	10.6	11.6	12.6	16.3
35°	6.7	6.7	7.8	8.5	8.7	9.8	10.4	11.1	12.5	14.4	16.9
32.5°	6.7	6.7	7.9	8.6	8.9	10.0	10.7	11.6	13.5	16.2	18.3
30°	6.7	6.7	7.9	8.6	9.1	10.3	11.1	12.2	14.5	18.0	20.0
27.5°	6.7	6.7	8.0	8.7	9.3	10.5	11.5	13.0	15.7	19.8	22.0
25°	6.7	6.7	8.1	8.8	9.5	10.8	11.9	13.9	17.2	21.6	24.3
22.5°	6.7	6.7	8.1	8.9	9.6	11.0	12.3	14.7	18.7	23.3	28.9
20°	6.7	6.7	8.2	9.0	9.7	11.2	12.7	15.6	20.2	25.3	34.0
17.5°	6.7	6.7	8.2	9.2	9.8	11.3	13.0	16.5	21.6	27.3	39.5
15°	6.7	6.7	8.3	9.3	9.9	11.4	13.3	17.3	22.9	29.3	45.3
12.5°	6.7	6.7	8.3	9.4	9.9	11.5	13.6	17.9	24.2	31.4	51.2
10°	6.7	6.7	8.3	9.5	10.0	11.6	14.0	18.5	25.5	35.0	58.2
7.5°	6.7	6.7	8.4	9.7	10.0	11.6	14.3	19.0	26.8	38.8	67.5
5°	6.7	6.7	8.4	9.8	10.0	11.7	14.6	19.4	28.0	42.7	76.7
2.5°	6.7	6.7	8.4	9.9	10.0	11.7	14.9	19.8	29.1	46.6	85.5
0°	6.7	6.7	8.4	10.0	10.0	11.7	15.1	20.1	30.1	50.2	93.7
-2.5°	6.7	6.7	8.5	10.1	10.3	12.1	16.4	24.0	37.9	62.1	108.8
-5°	6.7	6.8	8.5	10.2	10.6	12.4	17.7	27.7	45.4	73.4	122.9
-7.5°	6.7	6.8	8.6	10.3	10.9	12.8	18.8	31.2	52.3	84.0	135.8
-10°	6.7	6.8	8.6	10.4	11.2	13.1	19.8	34.2	58.6	93.7	147.3
-12.5°	6.7	6.9	8.7	10.4	11.4	13.4	20.6	36.8	64.0	102.2	157.2
-15°	6.7	6.9	8.7	10.5	11.7	13.6	21.2	38.8	68.9	109.5	165.4
-17.5°	6.7	6.9	8.7	10.5	11.9	13.9	21.6	40.9	73.3	115.5	171.8
-20°	6.7	7.0	8.7	10.6	12.1	14.1	22.0	42.7	76.5	120.4	176.3



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 CATALOG NUMBER: EPH-08-530N-40-70-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.7	7.0	8.8	10.6	12.2	14.3	22.6	43.6	78.6	123.8	178.8
-25°	6.7	7.0	8.8	10.6	12.4	14.7	22.7	43.6	79.5	125.8	179.2
-27.5°	6.7	7.0	8.8	10.6	12.4	14.9	22.3	42.5	78.9	126.4	180.7
-30°	6.7	7.1	8.8	10.6	12.5	15.1	21.4	40.3	77.6	125.6	180.5
-32.5°	6.7	7.1	8.7	10.6	12.6	15.2	20.1	38.8	74.9	122.8	178.3
-35°	6.7	7.1	8.7	10.5	12.6	15.2	19.6	37.2	70.7	118.2	174.2
-37.5°	6.7	7.1	8.7	10.5	12.6	15.1	19.6	34.8	64.9	111.7	161.9
-40°	6.7	7.1	8.7	10.4	12.5	15.1	19.4	31.6	57.4	103.5	147.7
-42.5°	6.7	7.1	8.6	10.4	12.5	15.0	19.0	27.6	51.4	90.5	132.0
-45°	6.7	7.1	8.6	10.3	12.4	14.9	18.4	24.6	45.9	76.1	115.1
-47.5°	6.7	7.1	8.5	10.2	12.3	14.7	17.7	23.7	39.3	61.0	98.0
-50°	6.7	7.1	8.5	10.1	12.1	14.5	17.3	22.5	31.1	51.6	79.8
-52.5°	6.7	7.1	8.4	10.0	11.9	14.3	17.0	21.1	27.0	41.7	61.6
-55°	6.7	7.1	8.3	9.9	11.7	14.0	16.6	19.7	24.9	31.4	50.0
-57.5°	6.7	7.1	8.3	9.7	11.5	13.6	16.2	19.1	22.7	27.2	38.0
-60°	6.7	7.1	8.2	9.6	11.2	13.3	15.7	18.3	20.7	24.8	28.7
-62.5°	6.7	7.0	8.1	9.4	11.0	12.9	15.1	17.5	19.6	22.3	26.1
-65°	6.7	7.0	8.0	9.2	10.6	12.4	14.5	16.6	18.5	20.8	23.5
-67.5°	6.7	7.0	7.9	9.0	10.3	12.0	13.9	15.8	17.3	19.3	21.5
-70°	6.7	7.0	7.8	8.8	10.0	11.5	13.2	15.0	16.5	17.8	19.7
-72.5°	6.7	6.9	7.7	8.6	9.6	10.9	12.5	14.2	15.7	17.0	18.1
-75°	6.7	6.9	7.5	8.4	9.2	10.4	11.7	13.3	14.9	16.3	17.4
-77.5°	6.7	6.9	7.4	8.2	8.9	9.8	10.9	12.4	13.9	15.4	16.7
-80°	6.7	6.8	7.3	8.0	8.7	9.3	10.1	11.4	12.8	14.2	15.5
-82.5°	6.7	6.8	7.1	7.8	8.4	9.0	9.6	10.6	11.7	13.0	14.2
-85°	6.7	6.8	7.0	7.6	8.1	8.7	9.2	10.0	10.9	11.8	12.8
-87.5°	6.7	6.7	6.8	7.3	7.8	8.3	8.8	9.4	10.1	10.7	11.4
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.3	5.9	5.4	5.0



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 CATALOG NUMBER: EPH-08-530N-40-70-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	10.0	10.0	10.0	10.0	10.4	10.9	11.3	11.7	12.1	12.5	13.0
87.5°	5.6	5.4	5.2	5.0	5.0	5.0	5.0	5.0	4.6	4.2	3.7
85°	6.2	5.9	5.5	5.3	5.3	5.2	5.2	5.0	4.8	4.6	4.5
82.5°	6.5	6.3	6.2	6.2	6.1	5.8	5.5	5.0	5.0	5.0	5.0
80°	6.6	6.7	6.7	6.7	6.3	5.9	5.5	5.1	5.0	5.1	5.1
77.5°	6.7	6.7	6.7	6.7	6.4	6.1	6.0	5.9	5.9	5.8	5.5
75°	6.7	6.7	6.7	6.7	6.6	6.6	6.7	6.7	6.5	6.4	6.4
72.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	8.1	9.9	11.2
70°	6.7	6.7	6.7	6.7	6.7	7.3	9.7	13.0	16.3	18.2	20.3
67.5°	6.7	6.7	6.7	7.0	8.7	11.5	15.2	22.2	30.2	32.5	32.5
65°	6.7	6.7	7.5	9.2	11.5	17.1	24.7	34.1	41.3	40.1	37.2
62.5°	6.7	7.5	9.1	11.9	16.6	23.6	30.8	37.6	44.7	42.8	36.4
60°	7.4	8.5	11.5	16.3	21.2	26.2	33.1	37.4	41.2	41.4	31.9
57.5°	8.2	10.4	15.0	19.8	23.8	27.0	29.8	33.2	34.4	33.6	24.4
55°	9.5	13.0	17.9	22.3	25.0	23.5	24.9	25.7	25.2	23.0	16.1
52.5°	11.7	15.5	20.3	23.9	24.0	21.0	18.7	18.8	17.1	14.0	11.9
50°	13.5	17.9	22.5	24.5	22.8	18.1	14.2	13.7	12.6	11.2	10.0
47.5°	15.4	20.1	24.3	25.0	20.4	16.6	13.1	11.9	11.1	10.9	10.4
45°	17.1	21.5	25.8	23.1	19.2	16.4	14.0	11.7	12.0	11.9	11.3
42.5°	18.7	22.4	24.3	21.5	19.6	17.7	16.0	14.3	13.4	13.6	13.6
40°	19.3	22.9	23.2	22.6	20.8	20.2	19.9	18.6	15.9	17.1	17.5
37.5°	19.5	22.6	23.7	25.5	23.5	24.2	24.9	25.3	23.4	22.1	25.4
35°	19.5	23.1	27.8	30.4	29.1	29.8	32.7	33.8	33.1	32.5	38.6
32.5°	19.9	24.2	33.3	36.5	38.5	39.4	41.9	44.2	46.6	50.4	61.9
30°	22.2	29.4	39.9	43.4	50.0	57.1	55.3	56.6	62.7	85.4	105.1
27.5°	27.1	36.6	46.6	53.8	64.6	79.8	82.2	75.6	95.3	129.9	162.3
25°	33.0	58.9	53.8	66.3	86.8	107.3	116.8	121.3	144.5	191.3	227.6
22.5°	45.3	88.7	86.6	80.0	112.3	139.1	162.6	209.4	275.0	289.8	297.5
20°	67.1	118.2	126.6	133.2	150.8	175.0	215.7	327.5	467.2	518.6	465.2
17.5°	92.9	150.5	171.4	202.0	242.0	249.7	283.3	468.4	708.8	792.6	808.8
15°	121.9	185.1	218.9	278.9	339.6	368.6	466.3	696.4	973.1	1110.0	1205.0
12.5°	153.0	221.4	268.6	362.1	442.4	488.2	696.6	1047.3	1312.9	1472.9	1723.4
10°	185.2	258.8	319.5	449.5	548.8	607.8	951.0	1409.8	1677.5	1859.4	2181.7
7.5°	218.7	294.8	370.1	538.8	657.1	726.7	1218.8	1775.5	2032.4	2230.8	2555.4
5°	250.9	328.0	415.2	613.9	746.9	829.7	1467.1	2134.4	2377.2	2587.5	2878.3
2.5°	280.4	359.8	458.8	682.9	822.3	907.4	1608.4	2339.4	2596.9	2847.3	3165.8
0°	306.1	389.8	500.2	746.1	893.3	982.0	1723.1	2517.7	2783.7	3056.4	3437.8
-2.5°	309.9	398.8	513.0	740.3	880.1	970.5	1693.0	2490.2	2813.6	3131.8	3530.0
-5°	309.7	405.5	522.4	728.6	862.8	955.6	1634.1	2427.3	2802.8	3118.3	3492.1
-7.5°	306.2	409.5	528.2	711.5	836.2	922.2	1520.9	2272.8	2666.4	2944.4	3303.6
-10°	300.1	408.0	520.2	682.3	798.4	876.9	1376.2	2090.3	2523.0	2766.8	3086.2
-12.5°	292.3	402.3	507.8	651.2	761.4	830.6	1208.4	1883.5	2376.2	2590.4	2851.8
-15°	283.2	395.0	493.1	619.2	726.7	783.9	1019.3	1655.4	2231.3	2453.7	2658.4
-17.5°	273.6	386.4	476.5	587.4	695.6	737.4	815.2	1406.8	2025.0	2305.0	2512.4
-20°	264.1	376.7	458.2	557.0	666.2	706.9	757.2	1167.6	1724.9	2133.2	2352.6



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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°	255.2	366.2	440.9	532.0	633.0	690.2	729.0	933.8	1408.3	1941.1	2182.0
-25°	251.7	350.6	426.6	508.8	601.5	674.7	702.8	737.2	1119.7	1630.3	2009.3
-27.5°	251.0	337.5	410.7	483.8	570.1	654.7	684.0	709.4	904.3	1318.2	1809.4
-30°	247.6	319.7	393.0	458.9	540.0	619.3	669.5	697.5	741.3	1061.1	1470.0
-32.5°	236.8	300.9	372.1	437.7	508.9	585.3	657.5	691.8	727.8	815.7	1158.3
-35°	222.6	283.6	349.8	414.5	476.9	552.2	626.4	687.3	714.4	755.3	898.1
-37.5°	209.4	264.5	326.9	389.6	449.9	517.9	593.0	661.3	708.6	740.4	791.3
-40°	194.4	243.8	303.9	364.0	421.9	483.8	553.5	624.2	688.0	742.6	781.8
-42.5°	177.6	225.3	279.3	337.5	391.9	450.4	512.1	580.6	653.0	727.7	783.3
-45°	158.6	204.9	253.6	306.4	359.2	414.1	472.5	533.9	607.4	683.6	757.7
-47.5°	137.9	182.4	228.7	273.3	323.5	375.2	429.7	489.8	554.8	627.0	703.2
-50°	116.2	157.6	200.8	242.0	285.4	333.6	384.0	441.5	502.0	565.2	633.6
-52.5°	95.0	131.1	171.0	210.6	249.1	290.3	337.5	389.1	444.9	503.3	560.5
-55°	72.7	105.6	139.8	177.2	214.4	250.0	289.4	335.9	383.7	436.6	487.3
-57.5°	55.7	79.7	110.0	142.1	177.0	212.0	247.4	282.5	324.5	368.5	410.2
-60°	41.8	58.3	80.9	108.9	137.7	170.6	205.3	238.5	270.6	301.0	336.9
-62.5°	29.6	42.5	57.6	76.5	101.9	128.1	158.0	189.8	222.3	248.6	272.7
-65°	26.8	29.7	39.9	53.6	67.2	90.1	114.0	137.6	165.3	190.7	214.6
-67.5°	24.0	26.7	29.3	34.1	46.3	59.5	72.8	93.6	114.3	132.5	150.6
-70°	21.8	23.7	26.0	28.3	30.9	36.5	48.0	59.6	71.2	84.6	100.6
-72.5°	19.8	21.7	23.3	24.8	27.0	29.7	32.5	35.4	42.1	51.4	60.9
-75°	18.4	19.7	21.4	22.9	24.1	25.6	27.5	29.9	32.2	34.2	36.0
-77.5°	17.4	18.2	19.4	20.8	21.8	22.7	23.8	25.1	26.7	28.5	30.4
-80°	16.2	16.7	17.3	18.1	18.8	19.5	20.2	20.8	21.7	22.9	24.2
-82.5°	14.7	15.0	15.4	15.8	16.0	16.4	16.8	17.3	17.8	18.4	19.1
-85°	13.1	13.4	13.6	13.9	13.8	13.7	13.7	13.8	14.1	14.4	14.6
-87.5°	11.6	11.7	11.8	11.9	12.0	11.9	11.9	11.7	11.8	11.9	12.0
-90°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.6	4.2	3.7



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	13.4	13.4	13.4	13.4	13.4	18.0	22.6	27.2	31.8	39.7	47.7
87.5°	3.3	3.3	3.3	3.3	3.3	2.9	2.5	2.1	1.7	1.7	1.7
85°	4.4	4.2	3.9	3.6	3.3	3.2	3.2	3.2	3.2	2.9	2.5
82.5°	5.0	4.6	4.2	3.8	3.3	3.0	2.7	2.3	1.9	1.8	1.7
80°	5.0	4.6	4.2	3.8	3.4	3.2	3.1	3.1	3.1	3.1	3.2
77.5°	5.2	5.0	4.6	4.0	3.4	3.3	3.3	3.3	3.3	3.0	2.6
75°	6.5	6.4	6.3	5.8	5.1	4.8	4.5	4.0	3.4	3.3	3.2
72.5°	11.9	11.8	11.2	10.5	9.3	8.4	8.2	7.8	7.4	7.3	7.2
70°	21.0	20.7	19.5	17.2	14.0	11.8	11.0	9.9	8.8	8.3	8.3
67.5°	29.6	26.3	23.2	19.8	15.9	12.9	11.4	9.7	8.0	7.1	6.9
65°	32.8	26.2	21.7	18.1	15.2	12.5	10.3	8.3	6.4	5.6	5.8
62.5°	29.5	21.7	16.9	13.8	11.4	9.7	8.0	6.6	5.5	5.0	5.1
60°	23.4	15.8	11.7	9.7	8.1	6.8	6.0	5.2	4.4	3.9	4.1
57.5°	16.9	11.3	8.3	7.6	6.7	5.5	4.8	4.5	4.4	4.4	4.7
55°	11.5	9.5	8.4	7.5	6.6	5.6	5.0	5.0	5.0	5.0	5.0
52.5°	9.5	9.0	8.6	7.8	6.9	5.9	5.0	5.0	5.0	5.0	5.0
50°	9.6	9.2	8.7	8.1	7.2	6.2	5.1	5.2	5.6	5.9	6.0
47.5°	9.8	9.3	9.1	8.5	7.7	7.2	6.7	6.8	7.4	7.7	7.6
45°	10.2	10.3	10.2	10.1	9.4	9.5	9.6	9.7	11.9	11.8	10.4
42.5°	12.6	13.4	14.1	14.5	12.5	16.3	22.0	24.7	21.6	17.5	14.8
40°	18.9	19.8	23.7	25.7	31.6	37.2	32.0	26.0	23.2	25.2	26.8
37.5°	30.1	35.7	43.5	52.5	48.8	38.9	39.1	39.0	38.1	41.4	41.3
35°	50.4	63.1	70.9	69.2	64.0	61.1	63.8	66.8	60.2	66.0	67.5
32.5°	81.1	96.4	98.4	93.2	93.5	98.5	107.8	106.4	108.5	115.0	122.6
30°	117.0	135.2	142.2	132.6	125.8	137.9	143.1	147.6	162.4	181.8	199.3
27.5°	176.2	189.4	201.5	191.5	171.5	186.5	197.0	193.9	234.8	256.6	305.4
25°	250.3	269.2	276.1	279.8	273.1	270.2	296.7	310.2	366.7	426.5	528.1
22.5°	341.8	393.3	407.8	388.8	410.2	425.2	443.1	503.6	616.4	800.0	1062.1
20°	458.0	563.0	647.4	633.8	583.4	647.8	720.6	911.0	1240.8	1982.4	2589.2
17.5°	825.7	827.6	996.3	1064.1	981.2	1120.8	1478.2	2097.9	3461.1	5962.4	7584.1
15°	1393.8	1431.4	1509.0	1599.9	1749.2	2113.6	2833.6	5430.5	9341.3	14752.1	20304.4
12.5°	1996.1	2080.9	2213.8	2288.2	2592.8	3568.0	6656.5	12342.8	20597.6	31014.2	48293.5
10°	2513.6	2739.4	2910.6	3143.3	3929.0	6219.7	11549.0	21374.5	38014.2	60487.6	87048.5
7.5°	2879.6	3210.0	3499.6	3937.0	5568.5	10186.1	19124.6	35470.4	60603.9	92340.7	128954.7
5°	3247.7	3665.8	3990.4	4566.9	6615.6	13161.3	25056.1	48678.0	84970.2	128174.1	177141.6
2.5°	3621.7	4091.6	4449.3	5162.6	7285.5	14669.9	28065.4	56560.2	101082.3	153688.4	213138.6
0°	3998.2	4443.2	4819.6	5625.9	8326.0	17043.5	30900.0	59568.4	102583.6	156281.9	216626.5
-2.5°	3980.8	4274.7	4619.4	5244.2	7594.8	15689.3	28720.4	56296.2	97112.4	146920.2	201643.8
-5°	3829.4	4035.9	4309.0	4861.2	6794.5	13077.7	24839.5	48122.5	85771.8	131404.5	178573.4
-7.5°	3594.3	3767.4	3971.6	4427.4	5872.0	10408.8	20092.4	38596.7	68040.8	101101.3	137271.0
-10°	3368.7	3502.3	3647.3	3963.3	4891.5	7628.8	14254.1	26153.2	47363.9	72096.6	99622.1
-12.5°	3160.8	3267.3	3344.4	3478.0	3940.4	5525.7	10248.6	18757.9	30943.0	46263.8	66569.3
-15°	2949.0	3039.3	3079.1	3186.3	3488.8	4273.3	6177.2	11529.9	19343.4	29237.2	39533.0
-17.5°	2721.5	2828.8	2888.8	2957.6	3089.4	3414.4	4464.9	6715.6	11439.4	18081.6	24712.9
-20°	2534.5	2660.8	2712.3	2760.1	2881.6	3072.5	3372.3	4384.5	6109.9	10246.7	14370.2



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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°	2353.8	2467.7	2534.6	2637.3	2794.4	2926.5	3024.8	3265.9	3982.6	5111.4	7126.6
-25°	2189.4	2288.0	2420.0	2617.2	2771.0	2865.5	2884.0	2894.3	3098.6	3322.7	4003.1
-27.5°	2023.9	2163.6	2360.2	2582.6	2765.4	2811.5	2814.0	2810.5	2859.2	2893.1	3062.5
-30°	1876.5	2059.5	2245.1	2482.5	2660.4	2735.3	2767.0	2788.9	2813.9	2844.9	2856.1
-32.5°	1576.0	1949.9	2100.2	2290.4	2514.5	2632.9	2692.4	2743.2	2771.0	2798.0	2819.3
-35°	1246.0	1640.4	1999.1	2122.0	2281.1	2481.7	2631.1	2691.9	2743.0	2771.9	2798.9
-37.5°	937.1	1275.3	1624.0	1950.7	2113.1	2255.0	2445.9	2594.7	2688.6	2725.6	2758.1
-40°	825.8	913.6	1221.6	1521.3	1807.5	2077.8	2236.5	2416.2	2559.7	2632.4	2688.7
-42.5°	821.5	853.8	885.2	1095.7	1361.5	1622.1	1868.5	2099.1	2312.0	2456.8	2564.0
-45°	820.6	843.6	869.9	901.3	933.0	1136.4	1364.1	1593.0	1826.6	2045.8	2242.2
-47.5°	767.3	824.5	855.9	881.0	902.1	929.0	959.6	1017.5	1207.6	1399.2	1591.3
-50°	694.1	751.3	803.6	853.7	879.1	896.6	913.3	932.4	956.4	980.6	1005.2
-52.5°	612.2	666.5	719.8	767.6	808.8	848.4	886.0	903.3	916.0	927.7	937.8
-55°	535.7	582.4	627.6	669.9	710.9	749.6	784.8	814.9	842.8	868.2	888.0
-57.5°	454.7	499.0	541.0	576.6	610.7	643.1	674.2	703.1	729.3	752.4	771.7
-60°	373.3	409.7	446.6	480.6	513.0	543.5	569.4	593.2	614.9	634.9	653.1
-62.5°	296.6	325.1	356.2	384.8	410.4	435.3	462.8	486.6	506.8	524.5	540.9
-65°	236.6	256.9	279.2	300.8	321.6	345.3	371.3	394.0	413.6	430.0	444.1
-67.5°	170.9	190.7	212.1	231.7	249.8	269.5	293.4	315.9	336.9	354.0	367.7
-70°	115.1	129.1	145.3	162.7	180.2	198.8	219.7	240.0	259.6	275.3	288.2
-72.5°	70.6	79.9	89.1	100.8	112.8	127.1	143.1	159.4	175.6	188.9	200.1
-75°	37.6	40.8	47.8	54.4	60.6	68.6	76.8	84.5	91.5	98.0	103.9
-77.5°	32.2	33.5	34.7	35.8	36.9	40.1	44.0	48.1	52.4	56.8	61.2
-80°	25.6	26.6	27.6	28.6	29.6	32.1	34.8	37.4	40.0	43.0	45.9
-82.5°	19.7	20.2	20.7	21.1	21.5	23.3	25.3	27.2	29.2	31.5	33.9
-85°	14.9	15.1	15.4	15.6	15.8	17.2	18.7	20.1	21.4	24.0	26.6
-87.5°	12.0	12.0	11.9	11.9	11.9	13.7	15.5	17.2	18.8	20.9	23.0
-90°	3.3	3.3	3.3	3.3	3.3	2.9	2.5	2.1	1.7	1.3	0.9



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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°	55.6	63.6	67.7	71.9	67.7	63.6	55.6	47.7	39.7	31.8	27.2
87.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	2.1
85°	2.1	1.7	1.7	1.7	1.7	1.7	2.1	2.5	2.9	3.2	3.2
82.5°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.3
80°	3.2	3.3	2.5	1.7	2.5	3.3	3.2	3.2	3.1	3.1	3.1
77.5°	2.2	1.7	2.5	3.3	2.5	1.7	2.2	2.6	3.0	3.3	3.3
75°	3.2	3.3	3.3	3.3	3.3	3.3	3.2	3.2	3.3	3.4	4.0
72.5°	6.9	6.6	6.7	6.7	6.7	6.6	6.9	7.2	7.3	7.4	7.8
70°	8.3	8.3	8.4	8.4	8.4	8.3	8.3	8.3	8.3	8.8	9.9
67.5°	6.8	6.8	5.9	5.0	5.9	6.8	6.8	6.9	7.1	8.0	9.7
65°	6.2	6.6	5.9	5.0	5.9	6.6	6.2	5.8	5.6	6.4	8.3
62.5°	5.1	5.1	5.0	5.0	5.0	5.1	5.1	5.1	5.0	5.5	6.6
60°	4.5	4.9	5.0	5.0	5.0	4.9	4.5	4.1	3.9	4.4	5.2
57.5°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.7	4.4	4.4	4.5
55°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
52.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
50°	5.7	5.2	5.0	5.0	5.0	5.2	5.7	6.0	5.9	5.6	5.2
47.5°	7.3	6.9	6.7	6.7	6.7	6.9	7.3	7.6	7.7	7.4	6.8
45°	10.3	10.1	9.9	10.0	9.9	10.1	10.3	10.4	11.8	11.9	9.7
42.5°	15.0	15.0	15.0	15.1	15.0	15.0	15.0	14.8	17.5	21.6	24.7
40°	28.1	28.3	27.7	26.8	27.7	28.3	28.1	26.8	25.2	23.2	26.0
37.5°	41.2	41.4	41.4	41.8	41.4	41.4	41.2	41.3	41.4	38.1	39.0
35°	66.6	64.9	61.3	61.9	61.3	64.9	66.6	67.5	66.0	60.2	66.8
32.5°	127.5	125.7	118.6	123.8	118.6	125.7	127.5	122.6	115.0	108.5	106.4
30°	214.5	223.1	226.7	225.8	226.7	223.1	214.5	199.3	181.8	162.4	147.6
27.5°	330.4	349.3	361.1	368.0	361.1	349.3	330.4	305.4	256.6	234.8	193.9
25°	601.1	647.8	674.2	709.3	674.2	647.8	601.1	528.1	426.5	366.7	310.2
22.5°	1344.2	1512.9	1620.1	1696.3	1620.1	1512.9	1344.2	1062.1	800.0	616.4	503.6
20°	3487.5	3473.6	3753.2	3904.5	3753.2	3473.6	3487.5	2589.2	1982.4	1240.8	911.0
17.5°	10916.8	12651.7	13092.0	12715.7	13092.0	12651.7	10916.8	7584.1	5962.4	3461.1	2097.9
15°	28061.1	33856.1	36541.7	36504.2	36541.7	33856.1	28061.1	20304.4	14752.1	9341.3	5430.5
12.5°	60509.8	71701.8	79009.7	83430.6	79009.7	71701.8	60509.8	48293.5	31014.2	20597.6	12342.8
10°	109811.4	128984.1	144273.1	151954.1	144273.1	128984.1	109811.4	87048.5	60487.6	38014.2	21374.5
7.5°	162738.1	193759.9	219954.4	230827.8	219954.4	193759.9	162738.1	128954.7	92340.7	60603.9	35470.4
5°	224052.9	273413.7	297929.5	308493.6	297929.5	273413.7	224052.9	177141.6	128174.1	84970.2	48678.0
2.5°	275349.5	324568.9	358835.0	371857.8	358835.0	324568.9	275349.5	213138.6	153688.4	101082.3	56560.2
0°	285617.6	337071.6	374784.5	402083.7	374784.5	337071.6	285617.6	216626.5	156281.9	102583.6	59568.4
-2.5°	263808.8	314084.1	341640.5	353185.8	341640.5	314084.1	263808.8	201643.8	146920.2	97112.4	56296.2
-5°	229338.4	273960.3	299437.1	304553.9	299437.1	273960.3	229338.4	178573.4	131404.5	85771.8	48122.5
-7.5°	175255.8	206144.7	226239.4	230295.8	226239.4	206144.7	175255.8	137271.0	101101.3	68040.8	38596.7
-10°	127453.6	149724.6	162629.2	164025.7	162629.2	149724.6	127453.6	99622.1	72096.6	47363.9	26153.2
-12.5°	85158.4	102609.0	111735.9	113055.1	111735.9	102609.0	85158.4	66569.3	46263.8	30943.0	18757.9
-15°	53364.2	64715.0	71418.2	72871.3	71418.2	64715.0	53364.2	39533.0	29237.2	19343.4	11529.9
-17.5°	32880.4	38621.9	42137.9	44462.2	42137.9	38621.9	32880.4	24712.9	18081.6	11439.4	6715.6
-20°	19225.7	22948.9	25038.3	25988.4	25038.3	22948.9	19225.7	14370.2	10246.7	6109.9	4384.5



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9652.2	11489.0	12740.1	12929.8	12740.1	11489.0	9652.2	7126.6	5111.4	3982.6	3265.9
-25°	4681.2	5192.8	5543.9	5564.0	5543.9	5192.8	4681.2	4003.1	3322.7	3098.6	2894.3
-27.5°	3200.9	3307.3	3376.1	3416.1	3376.1	3307.3	3200.9	3062.5	2893.1	2859.2	2810.5
-30°	2868.0	2883.9	2893.6	2880.7	2893.6	2883.9	2868.0	2856.1	2844.9	2813.9	2788.9
-32.5°	2826.5	2833.9	2839.1	2830.5	2839.1	2833.9	2826.5	2819.3	2798.0	2771.0	2743.2
-35°	2823.2	2843.8	2859.9	2855.6	2859.9	2843.8	2823.2	2798.9	2771.9	2743.0	2691.9
-37.5°	2781.8	2799.9	2812.1	2812.1	2812.1	2799.9	2781.8	2758.1	2725.6	2688.6	2594.7
-40°	2720.2	2745.0	2760.4	2760.3	2760.4	2745.0	2720.2	2688.7	2632.4	2559.7	2416.2
-42.5°	2615.2	2649.9	2666.3	2664.9	2666.3	2649.9	2615.2	2564.0	2456.8	2312.0	2099.1
-45°	2389.8	2501.8	2561.9	2567.9	2561.9	2501.8	2389.8	2242.2	2045.8	1826.6	1593.0
-47.5°	1780.6	1953.2	2059.1	2082.8	2059.1	1953.2	1780.6	1591.3	1399.2	1207.6	1017.5
-50°	1029.7	1052.8	1062.5	1058.9	1062.5	1052.8	1029.7	1005.2	980.6	956.4	932.4
-52.5°	947.4	956.7	963.7	968.6	963.7	956.7	947.4	937.8	927.7	916.0	903.3
-55°	904.1	916.7	924.6	928.5	924.6	916.7	904.1	888.0	868.2	842.8	814.9
-57.5°	787.6	800.1	807.0	809.7	807.0	800.1	787.6	771.7	752.4	729.3	703.1
-60°	668.3	680.5	687.5	690.9	687.5	680.5	668.3	653.1	634.9	614.9	593.2
-62.5°	554.8	566.3	573.1	577.1	573.1	566.3	554.8	540.9	524.5	506.8	486.6
-65°	456.5	467.4	473.3	476.8	473.3	467.4	456.5	444.1	430.0	413.6	394.0
-67.5°	379.9	390.8	397.9	403.2	397.9	390.8	379.9	367.7	354.0	336.9	315.9
-70°	300.1	310.7	314.6	316.2	314.6	310.7	300.1	288.2	275.3	259.6	240.0
-72.5°	210.3	219.1	224.9	229.2	224.9	219.1	210.3	200.1	188.9	175.6	159.4
-75°	109.3	114.1	117.5	120.4	117.5	114.1	109.3	103.9	98.0	91.5	84.5
-77.5°	65.5	69.8	71.8	73.6	71.8	69.8	65.5	61.2	56.8	52.4	48.1
-80°	48.8	51.6	52.6	53.5	52.6	51.6	48.8	45.9	43.0	40.0	37.4
-82.5°	36.2	38.4	39.3	40.1	39.3	38.4	36.2	33.9	31.5	29.2	27.2
-85°	29.2	31.7	32.6	33.5	32.6	31.7	29.2	26.6	24.0	21.4	20.1
-87.5°	25.0	26.9	28.5	30.1	28.5	26.9	25.0	23.0	20.9	18.8	17.2
-90°	0.4	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.3	1.7	2.1



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	22.6	18.0	13.4	13.4	13.4	13.4	13.4	13.0	12.5	12.1	11.7
87.5°	2.5	2.9	3.3	3.3	3.3	3.3	3.3	3.7	4.2	4.6	5.0
85°	3.2	3.2	3.3	3.6	3.9	4.2	4.4	4.5	4.6	4.8	5.0
82.5°	2.7	3.0	3.3	3.8	4.2	4.6	5.0	5.0	5.0	5.0	5.0
80°	3.1	3.2	3.4	3.8	4.2	4.6	5.0	5.1	5.1	5.0	5.1
77.5°	3.3	3.3	3.4	4.0	4.6	5.0	5.2	5.5	5.8	5.9	5.9
75°	4.5	4.8	5.1	5.8	6.3	6.4	6.5	6.4	6.4	6.5	6.7
72.5°	8.2	8.4	9.3	10.5	11.2	11.8	11.9	11.2	9.9	8.1	6.7
70°	11.0	11.8	14.0	17.2	19.5	20.7	21.0	20.3	18.2	16.3	13.0
67.5°	11.4	12.9	15.9	19.8	23.2	26.3	29.6	32.5	32.5	30.2	22.2
65°	10.3	12.5	15.2	18.1	21.7	26.2	32.8	37.2	40.1	41.3	34.1
62.5°	8.0	9.7	11.4	13.8	16.9	21.7	29.5	36.4	42.8	44.7	37.6
60°	6.0	6.8	8.1	9.7	11.7	15.8	23.4	31.9	41.4	41.2	37.4
57.5°	4.8	5.5	6.7	7.6	8.3	11.3	16.9	24.4	33.6	34.4	33.2
55°	5.0	5.6	6.6	7.5	8.4	9.5	11.5	16.1	23.0	25.2	25.7
52.5°	5.0	5.9	6.9	7.8	8.6	9.0	9.5	11.9	14.0	17.1	18.8
50°	5.1	6.2	7.2	8.1	8.7	9.2	9.6	10.0	11.2	12.6	13.7
47.5°	6.7	7.2	7.7	8.5	9.1	9.3	9.8	10.4	10.9	11.1	11.9
45°	9.6	9.5	9.4	10.1	10.2	10.3	10.2	11.3	11.9	12.0	11.7
42.5°	22.0	16.3	12.5	14.5	14.1	13.4	12.6	13.6	13.6	13.4	14.3
40°	32.0	37.2	31.6	25.7	23.7	19.8	18.9	17.5	17.1	15.9	18.6
37.5°	39.1	38.9	48.8	52.5	43.5	35.7	30.1	25.4	22.1	23.4	25.3
35°	63.8	61.1	64.0	69.2	70.9	63.1	50.4	38.6	32.5	33.1	33.8
32.5°	107.8	98.5	93.5	93.2	98.4	96.4	81.1	61.9	50.4	46.6	44.2
30°	143.1	137.9	125.8	132.6	142.2	135.2	117.0	105.1	85.4	62.7	56.6
27.5°	197.0	186.5	171.5	191.5	201.5	189.4	176.2	162.3	129.9	95.3	75.6
25°	296.7	270.2	273.1	279.8	276.1	269.2	250.3	227.6	191.3	144.5	121.3
22.5°	443.1	425.2	410.2	388.8	407.8	393.3	341.8	297.5	289.8	275.0	209.4
20°	720.6	647.8	583.4	633.8	647.4	563.0	458.0	465.2	518.6	467.2	327.5
17.5°	1478.2	1120.8	981.2	1064.1	996.3	827.6	825.7	808.8	792.6	708.8	468.4
15°	2833.6	2113.6	1749.2	1599.9	1509.0	1431.4	1393.8	1205.0	1110.0	973.1	696.4
12.5°	6656.5	3568.0	2592.8	2288.2	2213.8	2080.9	1996.1	1723.4	1472.9	1312.9	1047.3
10°	11549.0	6219.7	3929.0	3143.3	2910.6	2739.4	2513.6	2181.7	1859.4	1677.5	1409.8
7.5°	19124.6	10186.1	5568.5	3937.0	3499.6	3210.0	2879.6	2555.4	2230.8	2032.4	1775.5
5°	25056.1	13161.3	6615.6	4566.9	3990.4	3665.8	3247.7	2878.3	2587.5	2377.2	2134.4
2.5°	28065.4	14669.9	7285.5	5162.6	4449.3	4091.6	3621.7	3165.8	2847.3	2596.9	2339.4
0°	30900.0	17043.5	8326.0	5625.9	4819.6	4443.2	3998.2	3437.8	3056.4	2783.7	2517.7
-2.5°	28720.4	15689.3	7594.8	5244.2	4619.4	4274.7	3980.8	3530.0	3131.8	2813.6	2490.2
-5°	24839.5	13077.7	6794.5	4861.2	4309.0	4035.9	3829.4	3492.1	3118.3	2802.8	2427.3
-7.5°	20092.4	10408.8	5872.0	4427.4	3971.6	3767.4	3594.3	3303.6	2944.4	2666.4	2272.8
-10°	14254.1	7628.8	4891.5	3963.3	3647.3	3502.3	3368.7	3086.2	2766.8	2523.0	2090.3
-12.5°	10248.6	5525.7	3940.4	3478.0	3344.4	3267.3	3160.8	2851.8	2590.4	2376.2	1883.5
-15°	6177.2	4273.3	3488.8	3186.3	3079.1	3039.3	2949.0	2658.4	2453.7	2231.3	1655.4
-17.5°	4464.9	3414.4	3089.4	2957.6	2888.8	2828.8	2721.5	2512.4	2305.0	2025.0	1406.8
-20°	3372.3	3072.5	2881.6	2760.1	2712.3	2660.8	2534.5	2352.6	2133.2	1724.9	1167.6



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 CATALOG NUMBER: EPH-08-530N-40-70-2S-CV5-A

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	3024.8	2926.5	2794.4	2637.3	2534.6	2467.7	2353.8	2182.0	1941.1	1408.3	933.8
-25°	2884.0	2865.5	2771.0	2617.2	2420.0	2288.0	2189.4	2009.3	1630.3	1119.7	737.2
-27.5°	2814.0	2811.5	2765.4	2582.6	2360.2	2163.6	2023.9	1809.4	1318.2	904.3	709.4
-30°	2767.0	2735.3	2660.4	2482.5	2245.1	2059.5	1876.5	1470.0	1061.1	741.3	697.5
-32.5°	2692.4	2632.9	2514.5	2290.4	2100.2	1949.9	1576.0	1158.3	815.7	727.8	691.8
-35°	2631.1	2481.7	2281.1	2122.0	1999.1	1640.4	1246.0	898.1	755.3	714.4	687.3
-37.5°	2445.9	2255.0	2113.1	1950.7	1624.0	1275.3	937.1	791.3	740.4	708.6	661.3
-40°	2236.5	2077.8	1807.5	1521.3	1221.6	913.6	825.8	781.8	742.6	688.0	624.2
-42.5°	1868.5	1622.1	1361.5	1095.7	885.2	853.8	821.5	783.3	727.7	653.0	580.6
-45°	1364.1	1136.4	933.0	901.3	869.9	843.6	820.6	757.7	683.6	607.4	533.9
-47.5°	959.6	929.0	902.1	881.0	855.9	824.5	767.3	703.2	627.0	554.8	489.8
-50°	913.3	896.6	879.1	853.7	803.6	751.3	694.1	633.6	565.2	502.0	441.5
-52.5°	886.0	848.4	808.8	767.6	719.8	666.5	612.2	560.5	503.3	444.9	389.1
-55°	784.8	749.6	710.9	669.9	627.6	582.4	535.7	487.3	436.6	383.7	335.9
-57.5°	674.2	643.1	610.7	576.6	541.0	499.0	454.7	410.2	368.5	324.5	282.5
-60°	569.4	543.5	513.0	480.6	446.6	409.7	373.3	336.9	301.0	270.6	238.5
-62.5°	462.8	435.3	410.4	384.8	356.2	325.1	296.6	272.7	248.6	222.3	189.8
-65°	371.3	345.3	321.6	300.8	279.2	256.9	236.6	214.6	190.7	165.3	137.6
-67.5°	293.4	269.5	249.8	231.7	212.1	190.7	170.9	150.6	132.5	114.3	93.6
-70°	219.7	198.8	180.2	162.7	145.3	129.1	115.1	100.6	84.6	71.2	59.6
-72.5°	143.1	127.1	112.8	100.8	89.1	79.9	70.6	60.9	51.4	42.1	35.4
-75°	76.8	68.6	60.6	54.4	47.8	40.8	37.6	36.0	34.2	32.2	29.9
-77.5°	44.0	40.1	36.9	35.8	34.7	33.5	32.2	30.4	28.5	26.7	25.1
-80°	34.8	32.1	29.6	28.6	27.6	26.6	25.6	24.2	22.9	21.7	20.8
-82.5°	25.3	23.3	21.5	21.1	20.7	20.2	19.7	19.1	18.4	17.8	17.3
-85°	18.7	17.2	15.8	15.6	15.4	15.1	14.9	14.6	14.4	14.1	13.8
-87.5°	15.5	13.7	11.9	11.9	11.9	12.0	12.0	12.0	11.9	11.8	11.7
-90°	2.5	2.9	3.3	3.3	3.3	3.3	3.3	3.7	4.2	4.6	5.0



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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°	11.3	10.9	10.4	10.0	10.0	10.0	10.0	10.0	9.6	9.2	8.8
87.5°	5.0	5.0	5.0	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.4
85°	5.2	5.2	5.3	5.3	5.5	5.9	6.2	6.4	6.4	6.4	6.5
82.5°	5.5	5.8	6.1	6.2	6.2	6.3	6.5	6.7	6.7	6.7	6.7
80°	5.5	5.9	6.3	6.7	6.7	6.7	6.6	6.7	6.7	6.7	6.7
77.5°	6.0	6.1	6.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
75°	6.7	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
72.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
70°	9.7	7.3	6.7	6.7	6.7	6.7	6.7	6.8	6.7	6.7	6.7
67.5°	15.2	11.5	8.7	7.0	6.7	6.7	6.7	6.9	7.0	6.7	6.7
65°	24.7	17.1	11.5	9.2	7.5	6.7	6.7	7.1	7.2	7.1	6.7
62.5°	30.8	23.6	16.6	11.9	9.1	7.5	6.7	7.1	7.5	7.5	7.0
60°	33.1	26.2	21.2	16.3	11.5	8.5	7.4	7.2	7.6	7.9	7.5
57.5°	29.8	27.0	23.8	19.8	15.0	10.4	8.2	7.7	7.7	8.0	7.9
55°	24.9	23.5	25.0	22.3	17.9	13.0	9.5	8.4	7.9	8.1	8.4
52.5°	18.7	21.0	24.0	23.9	20.3	15.5	11.7	9.1	8.5	8.2	8.6
50°	14.2	18.1	22.8	24.5	22.5	17.9	13.5	10.5	9.1	8.4	8.7
47.5°	13.1	16.6	20.4	25.0	24.3	20.1	15.4	11.7	9.7	8.9	8.9
45°	14.0	16.4	19.2	23.1	25.8	21.5	17.1	12.7	10.4	9.5	9.2
42.5°	16.0	17.7	19.6	21.5	24.3	22.4	18.7	14.0	11.0	10.1	9.6
40°	19.9	20.2	20.8	22.6	23.2	22.9	19.3	15.2	11.4	10.8	10.1
37.5°	24.9	24.2	23.5	25.5	23.7	22.6	19.5	16.3	12.6	11.6	10.6
35°	32.7	29.8	29.1	30.4	27.8	23.1	19.5	16.9	14.4	12.5	11.1
32.5°	41.9	39.4	38.5	36.5	33.3	24.2	19.9	18.3	16.2	13.5	11.6
30°	55.3	57.1	50.0	43.4	39.9	29.4	22.2	20.0	18.0	14.5	12.2
27.5°	82.2	79.8	64.6	53.8	46.6	36.6	27.1	22.0	19.8	15.7	13.0
25°	116.8	107.3	86.8	66.3	53.8	58.9	33.0	24.3	21.6	17.2	13.9
22.5°	162.6	139.1	112.3	80.0	86.6	88.7	45.3	28.9	23.3	18.7	14.7
20°	215.7	175.0	150.8	133.2	126.6	118.2	67.1	34.0	25.3	20.2	15.6
17.5°	283.3	249.7	242.0	202.0	171.4	150.5	92.9	39.5	27.3	21.6	16.5
15°	466.3	368.6	339.6	278.9	218.9	185.1	121.9	45.3	29.3	22.9	17.3
12.5°	696.6	488.2	442.4	362.1	268.6	221.4	153.0	51.2	31.4	24.2	17.9
10°	951.0	607.8	548.8	449.5	319.5	258.8	185.2	58.2	35.0	25.5	18.5
7.5°	1218.8	726.7	657.1	538.8	370.1	294.8	218.7	67.5	38.8	26.8	19.0
5°	1467.1	829.7	746.9	613.9	415.2	328.0	250.9	76.7	42.7	28.0	19.4
2.5°	1608.4	907.4	822.3	682.9	458.8	359.8	280.4	85.5	46.6	29.1	19.8
0°	1723.1	982.0	893.3	746.1	500.2	389.8	306.1	93.7	50.2	30.1	20.1
-2.5°	1693.0	970.5	880.1	740.3	513.0	398.8	309.9	108.8	62.1	37.9	24.0
-5°	1634.1	955.6	862.8	728.6	522.4	405.5	309.7	122.9	73.4	45.4	27.7
-7.5°	1520.9	922.2	836.2	711.5	528.2	409.5	306.2	135.8	84.0	52.3	31.2
-10°	1376.2	876.9	798.4	682.3	520.2	408.0	300.1	147.3	93.7	58.6	34.2
-12.5°	1208.4	830.6	761.4	651.2	507.8	402.3	292.3	157.2	102.2	64.0	36.8
-15°	1019.3	783.9	726.7	619.2	493.1	395.0	283.2	165.4	109.5	68.9	38.8
-17.5°	815.2	737.4	695.6	587.4	476.5	386.4	273.6	171.8	115.5	73.3	40.9
-20°	757.2	706.9	666.2	557.0	458.2	376.7	264.1	176.3	120.4	76.5	42.7



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	729.0	690.2	633.0	532.0	440.9	366.2	255.2	178.8	123.8	78.6	43.6
-25°	702.8	674.7	601.5	508.8	426.6	350.6	251.7	179.2	125.8	79.5	43.6
-27.5°	684.0	654.7	570.1	483.8	410.7	337.5	251.0	180.7	126.4	78.9	42.5
-30°	669.5	619.3	540.0	458.9	393.0	319.7	247.6	180.5	125.6	77.6	40.3
-32.5°	657.5	585.3	508.9	437.7	372.1	300.9	236.8	178.3	122.8	74.9	38.8
-35°	626.4	552.2	476.9	414.5	349.8	283.6	222.6	174.2	118.2	70.7	37.2
-37.5°	593.0	517.9	449.9	389.6	326.9	264.5	209.4	161.9	111.7	64.9	34.8
-40°	553.5	483.8	421.9	364.0	303.9	243.8	194.4	147.7	103.5	57.4	31.6
-42.5°	512.1	450.4	391.9	337.5	279.3	225.3	177.6	132.0	90.5	51.4	27.6
-45°	472.5	414.1	359.2	306.4	253.6	204.9	158.6	115.1	76.1	45.9	24.6
-47.5°	429.7	375.2	323.5	273.3	228.7	182.4	137.9	98.0	61.0	39.3	23.7
-50°	384.0	333.6	285.4	242.0	200.8	157.6	116.2	79.8	51.6	31.1	22.5
-52.5°	337.5	290.3	249.1	210.6	171.0	131.1	95.0	61.6	41.7	27.0	21.1
-55°	289.4	250.0	214.4	177.2	139.8	105.6	72.7	50.0	31.4	24.9	19.7
-57.5°	247.4	212.0	177.0	142.1	110.0	79.7	55.7	38.0	27.2	22.7	19.1
-60°	205.3	170.6	137.7	108.9	80.9	58.3	41.8	28.7	24.8	20.7	18.3
-62.5°	158.0	128.1	101.9	76.5	57.6	42.5	29.6	26.1	22.3	19.6	17.5
-65°	114.0	90.1	67.2	53.6	39.9	29.7	26.8	23.5	20.8	18.5	16.6
-67.5°	72.8	59.5	46.3	34.1	29.3	26.7	24.0	21.5	19.3	17.3	15.8
-70°	48.0	36.5	30.9	28.3	26.0	23.7	21.8	19.7	17.8	16.5	15.0
-72.5°	32.5	29.7	27.0	24.8	23.3	21.7	19.8	18.1	17.0	15.7	14.2
-75°	27.5	25.6	24.1	22.9	21.4	19.7	18.4	17.4	16.3	14.9	13.3
-77.5°	23.8	22.7	21.8	20.8	19.4	18.2	17.4	16.7	15.4	13.9	12.4
-80°	20.2	19.5	18.8	18.1	17.3	16.7	16.2	15.5	14.2	12.8	11.4
-82.5°	16.8	16.4	16.0	15.8	15.4	15.0	14.7	14.2	13.0	11.7	10.6
-85°	13.7	13.7	13.8	13.9	13.6	13.4	13.1	12.8	11.8	10.9	10.0
-87.5°	11.9	11.9	12.0	11.9	11.8	11.7	11.6	11.4	10.7	10.1	9.4
-90°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.4	5.9	6.3



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.4	8.0	7.6	7.1	6.7	6.7	6.7
87.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
85°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
82.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
80°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
77.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7
75°	6.7	6.8	6.7	6.7	6.7	6.7	6.7
72.5°	6.8	7.0	6.9	6.7	6.7	6.7	6.7
70°	6.8	7.1	7.0	6.7	6.7	6.7	6.7
67.5°	6.9	7.2	7.2	6.9	6.7	6.7	6.7
65°	6.9	7.3	7.4	7.1	6.7	6.7	6.7
62.5°	7.0	7.4	7.6	7.2	6.7	6.7	6.7
60°	7.0	7.4	7.8	7.4	6.7	6.7	6.7
57.5°	7.4	7.4	7.8	7.6	6.8	6.7	6.7
55°	7.8	7.5	7.9	7.8	6.9	6.7	6.7
52.5°	8.3	7.6	7.9	8.0	7.1	6.7	6.7
50°	8.7	7.9	7.9	8.2	7.2	6.7	6.7
47.5°	9.0	8.3	8.0	8.3	7.3	6.7	6.7
45°	9.2	8.6	8.0	8.3	7.4	6.7	6.7
42.5°	9.5	8.9	8.1	8.4	7.5	6.7	6.7
40°	9.7	9.2	8.2	8.4	7.6	6.7	6.7
37.5°	10.0	9.5	8.5	8.5	7.7	6.7	6.7
35°	10.4	9.8	8.7	8.5	7.8	6.7	6.7
32.5°	10.7	10.0	8.9	8.6	7.9	6.7	6.7
30°	11.1	10.3	9.1	8.6	7.9	6.7	6.7
27.5°	11.5	10.5	9.3	8.7	8.0	6.7	6.7
25°	11.9	10.8	9.5	8.8	8.1	6.7	6.7
22.5°	12.3	11.0	9.6	8.9	8.1	6.7	6.7
20°	12.7	11.2	9.7	9.0	8.2	6.7	6.7
17.5°	13.0	11.3	9.8	9.2	8.2	6.7	6.7
15°	13.3	11.4	9.9	9.3	8.3	6.7	6.7
12.5°	13.6	11.5	9.9	9.4	8.3	6.7	6.7
10°	14.0	11.6	10.0	9.5	8.3	6.7	6.7
7.5°	14.3	11.6	10.0	9.7	8.4	6.7	6.7
5°	14.6	11.7	10.0	9.8	8.4	6.7	6.7
2.5°	14.9	11.7	10.0	9.9	8.4	6.7	6.7
0°	15.1	11.7	10.0	10.0	8.4	6.7	6.7
-2.5°	16.4	12.1	10.3	10.1	8.5	6.7	6.7
-5°	17.7	12.4	10.6	10.2	8.5	6.8	6.7
-7.5°	18.8	12.8	10.9	10.3	8.6	6.8	6.7
-10°	19.8	13.1	11.2	10.4	8.6	6.8	6.7
-12.5°	20.6	13.4	11.4	10.4	8.7	6.9	6.7
-15°	21.2	13.6	11.7	10.5	8.7	6.9	6.7
-17.5°	21.6	13.9	11.9	10.5	8.7	6.9	6.7
-20°	22.0	14.1	12.1	10.6	8.7	7.0	6.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.6	14.3	12.2	10.6	8.8	7.0	6.7
-25°	22.7	14.7	12.4	10.6	8.8	7.0	6.7
-27.5°	22.3	14.9	12.4	10.6	8.8	7.0	6.7
-30°	21.4	15.1	12.5	10.6	8.8	7.1	6.7
-32.5°	20.1	15.2	12.6	10.6	8.7	7.1	6.7
-35°	19.6	15.2	12.6	10.5	8.7	7.1	6.7
-37.5°	19.6	15.1	12.6	10.5	8.7	7.1	6.7
-40°	19.4	15.1	12.5	10.4	8.7	7.1	6.7
-42.5°	19.0	15.0	12.5	10.4	8.6	7.1	6.7
-45°	18.4	14.9	12.4	10.3	8.6	7.1	6.7
-47.5°	17.7	14.7	12.3	10.2	8.5	7.1	6.7
-50°	17.3	14.5	12.1	10.1	8.5	7.1	6.7
-52.5°	17.0	14.3	11.9	10.0	8.4	7.1	6.7
-55°	16.6	14.0	11.7	9.9	8.3	7.1	6.7
-57.5°	16.2	13.6	11.5	9.7	8.3	7.1	6.7
-60°	15.7	13.3	11.2	9.6	8.2	7.1	6.7
-62.5°	15.1	12.9	11.0	9.4	8.1	7.0	6.7
-65°	14.5	12.4	10.6	9.2	8.0	7.0	6.7
-67.5°	13.9	12.0	10.3	9.0	7.9	7.0	6.7
-70°	13.2	11.5	10.0	8.8	7.8	7.0	6.7
-72.5°	12.5	10.9	9.6	8.6	7.7	6.9	6.7
-75°	11.7	10.4	9.2	8.4	7.5	6.9	6.7
-77.5°	10.9	9.8	8.9	8.2	7.4	6.9	6.7
-80°	10.1	9.3	8.7	8.0	7.3	6.8	6.7
-82.5°	9.6	9.0	8.4	7.8	7.1	6.8	6.7
-85°	9.2	8.7	8.1	7.6	7.0	6.8	6.7
-87.5°	8.8	8.3	7.8	7.3	6.8	6.7	6.7
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7

(END OF REPORT)