

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: P1306231 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-57-70-1S-CV5-A**

Issue Date: 2/3/2026

Test Information

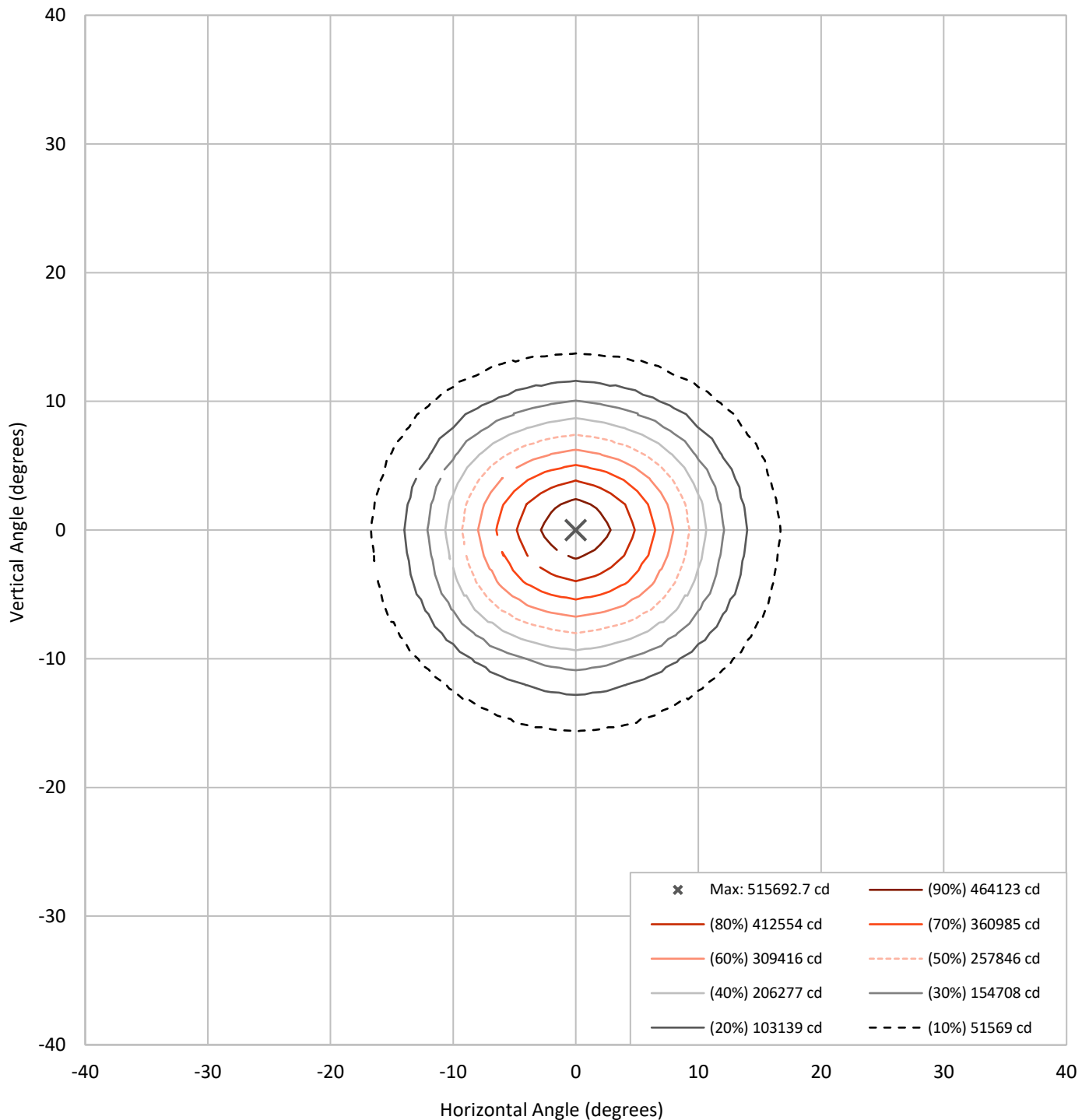
Test Method: LM-79-08
Report Number: P1306231 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-530N-57-70-1S-CV5-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 1S 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:	53018.1 lumens	Max Intensity:	515692.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	93.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	18.6°H x 15.4°V	Field Angle (10%):	33.2°H x 29.1°V
Beam Lumens:	24451.3 lumens	Field Lumens:	45110.1 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	566		
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





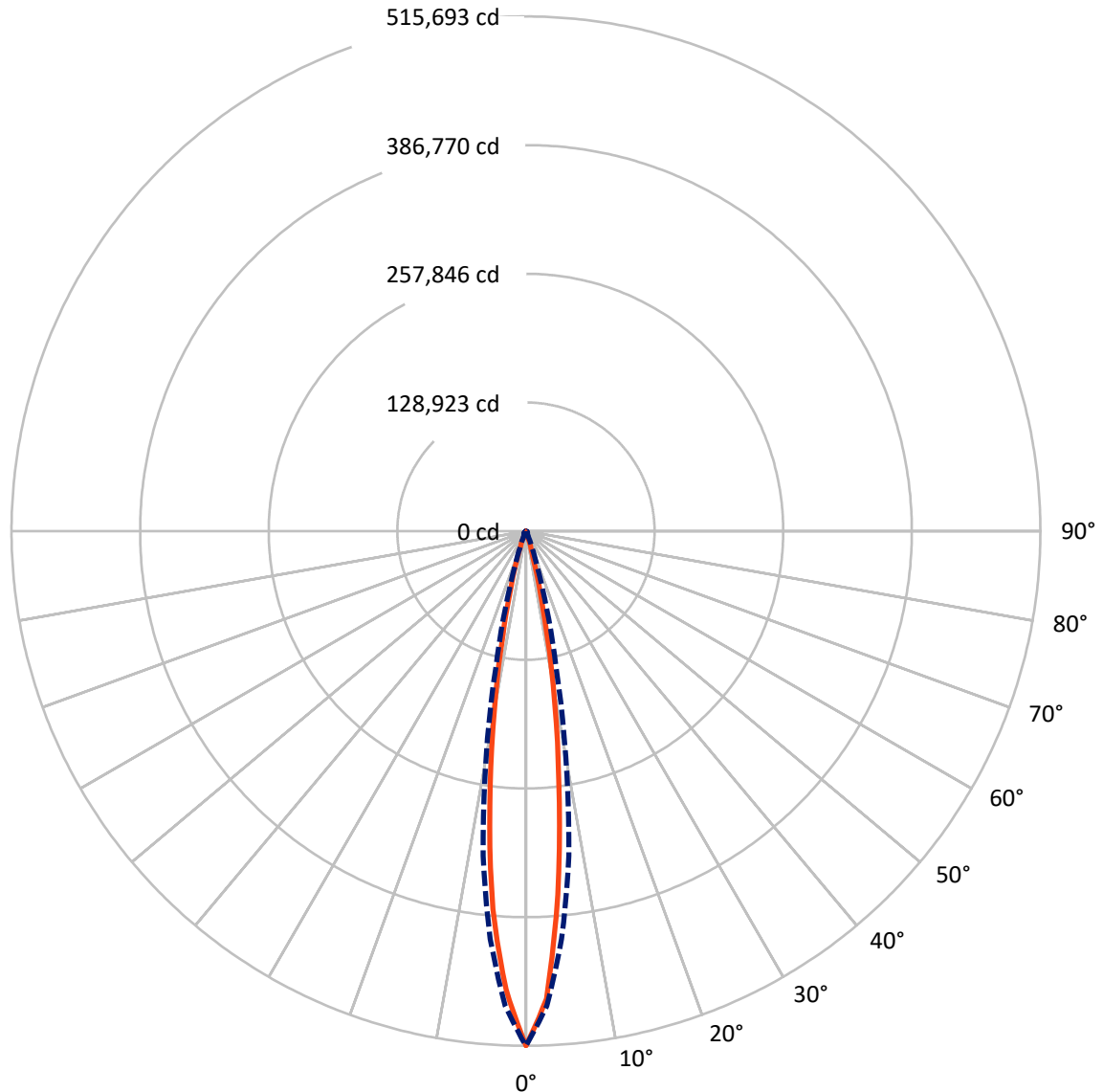
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Lumen Table

90	0.1	0.4		0.6		0.6		0.8		0.6		0.6		0.4		0.1
80	0.1	0.4		0.6		0.6		0.8		0.6		0.6		0.4		0.1
70	0.2	0.1	0.2	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.5	0.2	0.1	0.2
60		0.1	0.3	0.6	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.6	0.3	0.1	
50	0.2	0.2	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.2	0.2
40		0.3	0.6	0.8	1.4	1.9	2.1	2.4	2.4	2.1	1.9	1.4	0.8	0.6	0.3	
30	0.4	0.5	1.3	3.1	5.9	6.7	9.6	19.2	19.2	9.6	6.7	5.9	3.1	1.3	0.5	0.4
20		1.0	4.3	14.5	27.0	35.8	265.8	1107.1	1107.1	265.8	35.8	27.0	14.5	4.3	1.0	
10	0.4	1.7	8.5	36.4	59.0	134.1	1950.2	8450.7	8450.7	1950.2	134.1	59.0	36.4	8.5	1.7	0.4
0		2.2	9.9	41.9	69.1	137.3	2093.0	8832.8	8832.8	2093.0	137.3	69.1	41.9	9.9	2.2	
-10	0.5	2.3	8.7	31.7	57.0	62.8	446.3	1733.8	1733.8	446.3	62.8	57.0	31.7	8.7	2.3	0.5
-20		2.2	7.5	17.8	45.9	53.1	58.6	114.1	114.1	58.6	53.1	45.9	17.8	7.5	2.2	
-30	0.4	2.0	6.4	11.3	28.1	53.1	62.1	62.7	62.7	62.1	53.1	28.1	11.3	6.4	2.0	0.4
-40		1.3	4.7	9.7	15.2	26.8	45.2	59.4	59.4	45.2	26.8	15.2	9.7	4.7	1.3	
-50	0.3	0.6	2.7	6.3	11.4	15.7	18.6	20.7	20.7	18.6	15.7	11.4	6.3	2.7	0.6	0.3
-60		0.3	0.9	2.6	5.0	7.9	10.4	12.3	12.3	10.4	7.9	5.0	2.6	0.9	0.3	
-70	0.2	0.6	2.7	6.3	11.4	15.7	18.6	20.7	20.7	18.6	15.7	11.4	6.3	2.7	0.6	0.2
-80		0.3	0.9	2.6	5.0	7.9	10.4	12.3	12.3	10.4	7.9	5.0	2.6	0.9	0.3	
-90	0.2	0.9		2.3		5.6		9.3		5.6		2.3		0.9		0.2

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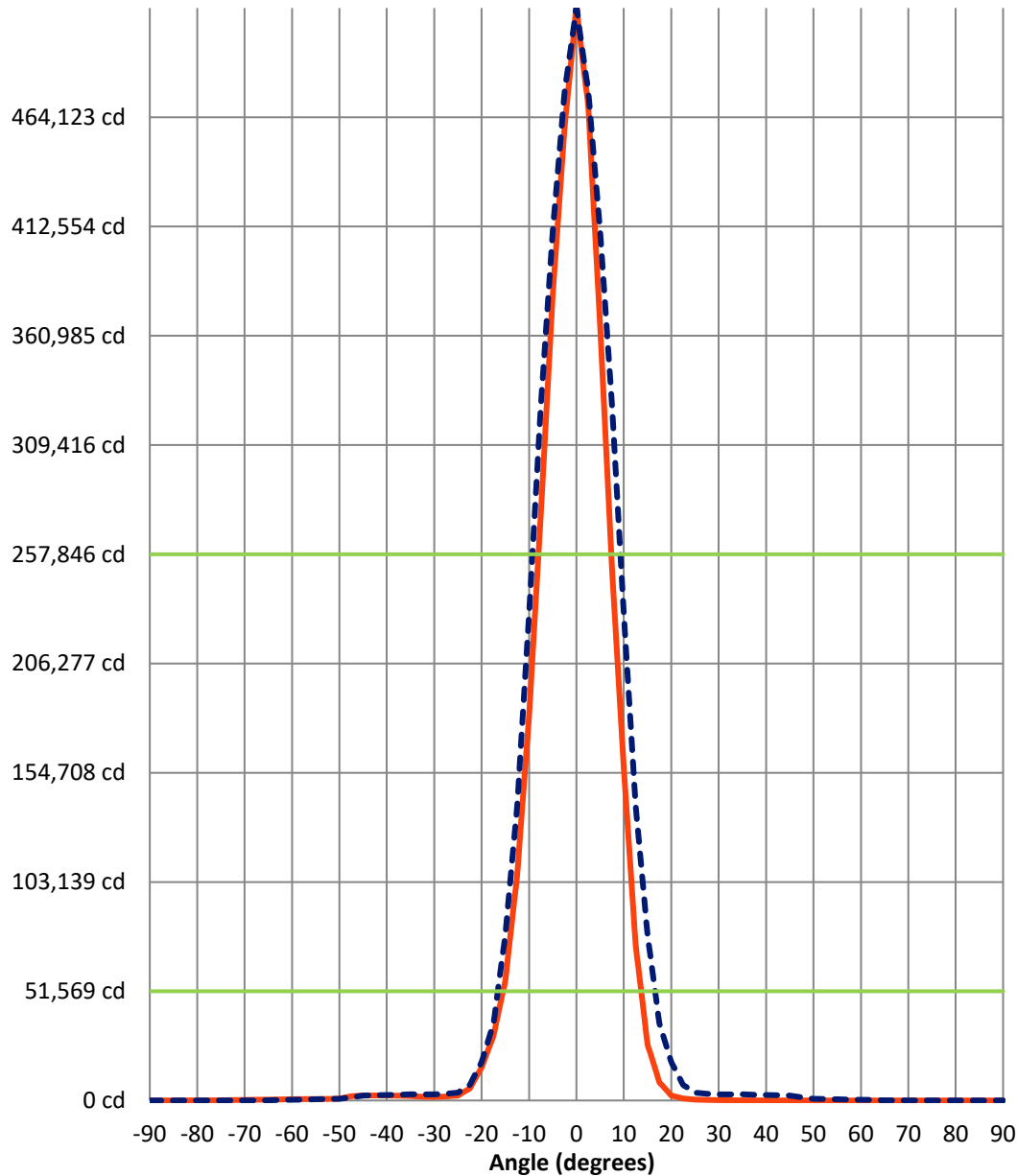
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 18.6°
V Angle: 15.4°
Lumens: 24451.3
Efficiency: 46.1%

Field:
H Angle: 33.2°
V Angle: 29.1°
Lumens: 45110.1
Efficiency: 85.1%

Spill:
Lumens: 7908
Efficiency: 14.9%

— 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°	6.6	6.6	6.6	6.9	7.3	7.6	7.9	7.9	7.9	7.9	7.9
87.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
85°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
82.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
80°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
77.5°	6.6	6.6	6.6	6.6	6.6	6.7	6.6	6.6	6.6	6.6	6.6
75°	6.6	6.6	6.6	6.6	6.6	6.8	6.7	6.6	6.6	6.7	6.7
72.5°	6.6	6.6	6.6	6.6	6.9	7.0	6.7	6.7	6.9	6.9	6.7
70°	6.6	6.6	6.6	6.6	7.1	7.2	6.9	7.0	7.1	7.1	7.2
67.5°	6.6	6.6	6.6	6.9	7.4	7.4	7.2	7.3	7.4	7.6	7.8
65°	6.6	6.6	6.6	7.2	7.7	7.7	7.6	7.7	7.9	8.1	8.2
62.5°	6.6	6.6	6.6	7.4	7.9	8.0	8.0	8.1	8.3	8.6	8.4
60°	6.6	6.6	6.6	7.7	8.2	8.3	8.4	8.5	8.8	8.9	8.6
57.5°	6.6	6.6	6.8	8.0	8.5	8.6	8.8	8.9	9.2	9.2	9.1
55°	6.6	6.6	6.9	8.2	8.7	8.9	9.3	9.4	9.6	9.6	9.8
52.5°	6.6	6.6	7.1	8.5	9.0	9.3	9.7	9.9	10.0	10.2	10.4
50°	6.6	6.6	7.3	8.8	9.2	9.7	10.2	10.5	10.5	10.7	12.0
47.5°	6.6	6.6	7.4	9.1	9.5	10.1	10.8	11.2	10.9	11.3	13.6
45°	6.6	6.6	7.5	9.3	9.7	10.6	11.4	11.9	11.7	12.6	15.1
42.5°	6.6	6.6	7.6	9.5	10.0	11.0	12.1	12.7	12.6	13.8	16.7
40°	6.6	6.6	7.7	9.5	10.3	11.5	12.8	13.6	13.8	15.1	18.1
37.5°	6.6	6.6	7.8	9.6	10.6	12.0	13.5	14.5	15.3	16.8	19.2
35°	6.6	6.6	7.9	9.6	11.0	12.5	14.3	15.4	16.7	18.7	20.0
32.5°	6.6	6.6	8.0	9.6	11.3	13.1	15.1	16.4	18.2	20.8	22.2
30°	6.6	6.6	8.0	9.7	11.7	13.8	15.9	17.5	19.6	23.0	24.7
27.5°	6.6	6.6	8.1	9.7	11.8	14.4	16.8	18.7	21.2	25.3	27.4
25°	6.6	6.6	8.1	9.7	11.8	15.0	17.6	19.9	23.1	27.7	30.5
22.5°	6.6	6.6	8.1	9.7	11.8	15.5	18.5	21.0	25.0	30.2	35.2
20°	6.6	6.6	8.1	9.6	11.8	15.4	19.4	22.1	27.0	32.8	40.2
17.5°	6.6	6.6	8.1	9.6	11.7	15.3	19.5	23.2	29.0	35.5	45.5
15°	6.6	6.6	8.1	9.6	11.6	15.1	19.1	23.7	31.0	38.2	51.0
12.5°	6.6	6.6	8.1	9.5	11.5	14.9	18.7	23.3	31.9	41.0	56.6
10°	6.6	6.6	8.1	9.5	11.3	14.6	18.2	23.0	31.9	42.3	61.9
7.5°	6.6	6.6	8.0	9.4	11.1	14.3	17.7	22.6	31.7	43.3	66.8
5°	6.6	6.6	8.0	9.4	10.9	13.9	17.0	22.1	31.3	44.4	71.6
2.5°	6.6	6.6	8.0	9.3	10.7	13.5	16.4	21.6	30.8	45.2	76.0
0°	6.6	6.6	7.9	9.2	10.5	13.1	15.7	21.0	30.2	45.9	80.0
-2.5°	6.6	6.6	7.9	9.2	10.6	13.2	16.4	23.2	35.6	55.0	92.5
-5°	6.6	6.7	7.9	9.2	10.7	13.3	17.0	25.3	40.7	63.6	104.1
-7.5°	6.6	6.7	7.9	9.2	10.8	13.4	17.6	27.2	45.3	71.5	114.6
-10°	6.6	6.7	7.9	9.1	10.8	13.5	18.1	28.8	49.4	78.6	123.9
-12.5°	6.6	6.7	7.9	9.1	10.9	13.5	18.5	30.1	52.7	84.9	132.7
-15°	6.6	6.8	7.8	9.1	10.9	13.5	18.7	31.0	56.1	91.4	140.4
-17.5°	6.6	6.8	7.8	9.0	10.9	13.5	18.8	32.5	59.8	96.8	146.4
-20°	6.6	6.8	7.8	9.0	10.9	13.4	19.1	34.2	62.4	101.0	150.6



REPORT NUMBER: P1306231 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-530N-57-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.6	6.8	7.8	8.9	10.8	13.4	19.6	35.1	63.9	104.0	152.9
-25°	6.6	6.8	7.8	8.8	10.7	13.5	19.8	35.3	64.3	105.7	153.1
-27.5°	6.6	6.9	7.7	8.8	10.6	13.6	19.7	34.5	63.4	106.0	154.3
-30°	6.6	6.9	7.7	8.7	10.4	13.7	19.2	32.9	62.2	104.7	154.0
-32.5°	6.6	6.9	7.7	8.6	10.4	13.7	18.3	31.9	60.2	101.8	151.8
-35°	6.6	6.9	7.7	8.5	10.3	13.6	17.9	30.8	57.0	97.0	147.7
-37.5°	6.6	6.9	7.7	8.4	10.2	13.4	17.8	29.2	52.3	90.4	136.6
-40°	6.6	6.9	7.7	8.3	10.1	13.3	17.5	26.9	46.3	83.5	123.7
-42.5°	6.6	6.9	7.7	8.2	10.0	13.1	17.1	24.1	41.8	73.2	109.5
-45°	6.6	6.9	7.7	8.2	10.0	12.9	16.6	21.9	37.8	61.8	94.5
-47.5°	6.6	6.9	7.7	8.1	10.0	12.6	16.0	21.1	33.0	49.6	80.7
-50°	6.6	6.9	7.7	8.2	9.9	12.3	15.6	20.2	27.0	42.7	65.9
-52.5°	6.6	6.9	7.7	8.2	9.8	11.9	15.1	19.1	23.9	35.4	51.1
-55°	6.6	6.9	7.7	8.3	9.6	11.7	14.5	18.0	22.2	27.7	42.3
-57.5°	6.6	6.9	7.7	8.3	9.5	11.4	13.9	17.2	20.5	24.4	33.1
-60°	6.6	6.9	7.7	8.3	9.3	11.2	13.3	16.3	18.8	22.3	25.9
-62.5°	6.6	6.9	7.7	8.3	9.3	10.9	12.9	15.3	17.7	20.2	23.6
-65°	6.6	6.8	7.6	8.3	9.2	10.6	12.5	14.4	16.6	18.8	21.2
-67.5°	6.6	6.8	7.5	8.2	9.0	10.3	12.0	13.8	15.4	17.5	19.5
-70°	6.6	6.8	7.4	8.2	8.9	10.0	11.5	13.1	14.6	16.1	18.0
-72.5°	6.6	6.8	7.3	8.1	8.7	9.7	11.0	12.4	13.8	15.2	16.6
-75°	6.6	6.8	7.2	7.9	8.5	9.3	10.5	11.7	13.0	14.3	15.6
-77.5°	6.6	6.7	7.1	7.7	8.3	9.0	9.9	10.9	12.0	13.3	14.5
-80°	6.6	6.7	7.0	7.6	8.1	8.7	9.2	10.1	11.0	12.0	13.1
-82.5°	6.6	6.7	6.9	7.4	7.9	8.4	8.9	9.3	9.9	10.7	11.5
-85°	6.6	6.7	6.8	7.3	7.7	8.1	8.6	8.9	9.2	9.6	10.1
-87.5°	6.6	6.6	6.7	7.1	7.5	7.9	8.2	8.4	8.6	8.8	9.0
-90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6



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 CATALOG NUMBER: EPH-08-530N-57-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	7.9	7.9	7.9	7.9	8.2	8.6	8.9	9.2	9.2	9.2	9.2
87.5°	6.3	5.9	5.6	5.2	4.9	4.6	4.2	3.9	3.9	3.9	3.9
85°	6.3	5.9	5.6	5.2	5.0	4.7	4.6	4.4	4.4	4.3	4.1
82.5°	6.3	5.9	5.6	5.2	5.1	5.2	5.2	5.2	4.9	4.6	4.3
80°	6.3	6.0	5.7	5.6	5.7	5.6	5.5	5.3	4.9	4.7	4.5
77.5°	6.4	6.3	6.3	6.4	6.3	6.1	6.0	6.0	5.9	5.7	5.6
75°	6.5	6.6	6.7	6.7	6.5	6.5	6.6	6.6	6.5	6.4	6.4
72.5°	6.8	7.0	6.9	6.8	6.6	6.6	6.6	6.6	7.4	8.6	9.6
70°	7.3	7.4	7.1	6.8	6.6	7.0	8.5	10.2	12.0	13.8	16.1
67.5°	7.8	7.5	7.2	7.1	8.1	9.8	11.8	16.6	22.5	25.0	26.0
65°	7.9	7.6	7.9	8.9	10.3	13.8	19.1	25.9	33.2	34.5	33.6
62.5°	8.0	8.3	9.2	11.0	13.8	18.5	25.2	32.7	41.1	41.2	36.0
60°	8.5	9.0	11.0	14.1	17.4	22.6	30.2	36.1	42.2	44.6	34.1
57.5°	9.2	10.6	13.6	17.3	21.5	25.2	29.4	35.1	37.5	37.4	27.6
55°	10.4	12.7	16.5	21.1	24.2	23.4	26.2	28.1	28.6	26.6	19.3
52.5°	12.4	15.1	19.9	23.9	24.5	22.1	20.5	21.5	20.2	17.2	15.0
50°	14.4	18.3	23.0	25.5	24.2	19.8	16.4	16.5	15.5	14.2	12.8
47.5°	16.6	21.1	25.7	26.7	22.2	18.9	15.8	14.7	14.0	13.4	12.3
45°	18.8	23.1	28.0	25.0	21.5	19.6	17.2	14.4	14.4	14.0	14.0
42.5°	20.6	24.7	26.7	23.4	22.9	21.5	19.5	16.9	15.8	16.4	16.8
40°	21.8	25.8	25.6	25.6	25.1	24.4	22.9	20.9	18.7	20.1	20.9
37.5°	22.5	25.7	26.4	29.2	28.4	28.1	27.1	27.4	25.9	25.0	28.1
35°	23.0	26.3	30.8	34.2	33.8	32.6	34.3	35.4	34.8	33.8	38.7
32.5°	23.7	27.6	36.3	40.0	41.3	40.6	42.7	44.8	46.9	49.5	57.5
30°	26.2	32.7	42.6	46.6	50.7	55.4	54.3	55.9	61.7	80.4	97.8
27.5°	31.3	39.3	48.8	55.3	62.6	73.6	76.0	73.1	91.0	120.7	151.7
25°	37.0	59.2	55.6	65.7	80.3	95.5	103.7	110.0	134.5	178.0	210.4
22.5°	48.3	85.3	84.8	77.1	100.4	120.8	140.4	183.9	245.7	265.5	271.9
20°	67.5	111.6	119.8	122.4	130.4	149.1	182.4	284.7	408.2	454.7	405.0
17.5°	90.2	140.3	158.4	178.3	202.7	208.2	236.7	405.9	610.4	680.4	680.7
15°	115.5	171.0	199.4	239.7	279.8	305.1	399.4	603.9	829.2	940.0	1003.3
12.5°	142.7	203.2	242.2	305.4	360.7	405.1	610.9	937.2	1146.7	1243.4	1427.9
10°	170.7	236.3	286.2	373.8	444.2	507.1	848.9	1292.7	1496.8	1591.5	1802.3
7.5°	198.6	267.3	329.1	443.5	529.0	609.9	1102.1	1660.1	1834.7	1919.1	2090.8
5°	225.4	294.7	363.0	496.4	596.1	694.1	1331.9	2026.1	2162.0	2230.1	2327.0
2.5°	250.1	320.6	395.6	544.0	649.9	747.1	1431.8	2186.7	2335.9	2438.0	2520.7
0°	271.5	345.0	426.3	587.7	700.5	796.3	1504.6	2319.3	2476.7	2598.7	2698.4
-2.5°	272.5	350.1	436.4	585.9	689.2	788.4	1435.0	2289.3	2525.0	2708.1	2857.5
-5°	270.0	353.1	443.8	580.2	675.2	776.5	1343.4	2217.4	2534.9	2729.7	2882.5
-7.5°	264.7	353.9	448.2	570.0	654.6	746.6	1263.3	2070.6	2420.2	2587.2	2749.3
-10°	257.6	351.9	441.8	546.3	624.8	705.5	1161.6	1899.8	2302.8	2446.2	2596.8
-12.5°	251.5	347.8	432.3	523.0	594.5	663.2	1028.3	1712.1	2186.4	2311.2	2431.5
-15°	244.3	342.4	421.5	501.1	564.5	620.6	862.1	1513.4	2072.6	2212.8	2305.8
-17.5°	236.6	335.8	410.0	482.0	535.5	578.3	665.2	1274.6	1883.2	2097.0	2205.7
-20°	229.0	328.3	397.8	466.6	508.1	548.5	606.7	1031.3	1587.8	1957.1	2096.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	221.9	319.9	385.9	450.8	493.5	529.4	575.8	794.5	1275.8	1798.9	1966.4
-25°	219.2	307.0	374.3	435.5	482.7	511.2	544.2	595.7	987.7	1484.8	1820.8
-27.5°	218.5	296.2	360.6	419.4	474.1	495.7	521.0	560.3	761.1	1162.6	1641.3
-30°	215.1	280.8	345.5	402.5	457.7	487.1	502.9	534.0	587.8	896.3	1289.0
-32.5°	205.1	264.4	327.5	384.5	438.1	481.8	494.0	520.2	559.9	648.2	966.7
-35°	192.7	248.9	308.0	365.0	418.1	466.7	494.0	509.4	535.9	578.1	721.2
-37.5°	181.0	232.3	287.8	343.7	395.6	444.8	492.4	506.0	523.8	553.8	608.4
-40°	167.3	214.6	268.0	321.2	371.2	420.0	466.8	506.5	517.3	547.6	585.7
-42.5°	151.7	197.4	247.5	297.3	344.1	391.9	439.1	483.5	525.2	546.0	575.4
-45°	134.6	178.1	226.0	270.5	314.2	360.9	406.9	453.2	506.9	555.3	575.1
-47.5°	116.0	156.9	201.6	241.6	282.4	325.8	371.8	420.5	474.6	528.2	583.6
-50°	97.0	134.8	173.6	211.5	248.9	288.7	331.1	382.4	434.0	487.5	541.2
-52.5°	79.5	111.1	146.0	180.8	215.2	250.1	290.7	337.1	386.9	438.2	485.8
-55°	61.0	89.2	117.6	149.7	181.8	212.9	248.8	290.7	333.8	381.1	424.3
-57.5°	47.4	67.1	91.5	117.8	147.5	177.5	210.2	243.7	282.1	321.8	357.5
-60°	36.6	49.4	67.1	89.2	112.0	140.5	171.1	201.7	232.7	261.9	292.3
-62.5°	27.0	37.1	48.2	62.4	82.2	103.4	129.6	157.5	185.7	210.5	232.8
-65°	24.3	27.1	34.9	44.8	54.1	72.8	92.5	112.4	136.6	158.3	178.5
-67.5°	21.6	24.1	26.6	30.5	39.3	49.0	59.1	76.4	93.7	108.7	123.8
-70°	19.7	21.2	23.3	25.5	27.9	32.4	40.9	49.7	58.6	69.1	82.3
-72.5°	18.0	19.4	20.7	22.0	24.1	26.5	29.0	31.6	36.8	43.8	51.0
-75°	16.6	17.6	18.7	19.9	21.2	22.6	24.2	26.3	28.4	30.2	31.8
-77.5°	15.3	16.0	16.8	17.7	18.8	19.8	21.0	22.3	23.5	24.9	26.4
-80°	13.8	14.4	14.9	15.5	16.2	17.0	17.8	18.7	19.4	20.1	20.9
-82.5°	12.0	12.4	12.9	13.3	13.7	14.1	14.5	15.0	15.3	15.5	15.8
-85°	10.3	10.5	10.8	11.1	11.3	11.6	11.9	12.1	12.0	11.9	11.8
-87.5°	9.1	9.2	9.3	9.4	9.6	9.8	10.0	10.1	9.9	9.7	9.5
-90°	6.3	5.9	5.6	5.2	4.9	4.6	4.2	3.9	3.9	3.9	3.9



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.2	9.2	9.2	9.2	9.2	12.8	16.4	20.0	23.6	32.4	41.3
87.5°	3.9	3.6	3.3	2.9	2.6	2.3	2.0	1.6	1.3	1.3	1.3
85°	3.9	3.6	3.3	2.9	2.6	2.6	2.5	2.5	2.5	2.2	1.9
82.5°	3.9	3.8	3.6	3.6	3.5	3.4	3.1	2.9	2.6	2.3	2.0
80°	4.3	4.3	4.2	4.1	3.9	3.6	3.3	3.0	2.6	2.6	2.6
77.5°	5.4	5.2	4.9	4.5	4.0	3.8	3.7	3.7	3.7	3.5	3.2
75°	6.5	6.4	6.2	5.9	5.3	5.2	5.2	5.1	5.0	4.7	4.5
72.5°	10.4	10.5	10.1	9.7	9.0	8.7	8.7	8.6	8.4	8.3	8.2
70°	17.4	17.6	17.0	15.7	13.7	12.4	11.9	11.2	10.5	10.6	11.3
67.5°	25.1	23.3	21.5	19.4	16.5	14.4	13.4	12.3	11.1	10.4	10.2
65°	30.4	24.1	20.6	18.1	16.6	15.0	13.3	11.7	10.3	9.4	8.9
62.5°	29.1	20.6	16.9	15.1	13.8	12.7	11.0	9.5	8.2	7.4	7.4
60°	25.0	17.2	13.2	11.8	10.5	9.3	8.4	7.6	7.0	6.7	7.1
57.5°	19.5	13.5	10.4	9.9	9.2	8.3	7.8	7.6	7.1	6.6	7.0
55°	14.2	11.9	10.6	10.1	9.8	9.4	8.9	8.3	7.8	7.4	7.7
52.5°	12.3	11.6	11.5	11.4	10.6	9.9	9.2	9.0	8.9	8.7	8.9
50°	12.0	11.9	11.9	11.6	11.0	10.6	10.4	10.3	10.2	10.1	10.1
47.5°	12.3	12.5	12.5	11.9	11.7	11.9	11.8	11.7	11.9	12.0	12.3
45°	13.5	13.9	14.0	14.2	13.8	14.3	14.3	14.2	16.3	16.6	15.6
42.5°	16.4	18.1	19.4	19.0	17.3	20.8	25.9	28.2	25.9	22.6	20.3
40°	23.3	25.5	26.4	28.2	35.1	40.4	35.6	30.7	28.6	30.3	31.7
37.5°	32.6	35.5	43.9	54.4	50.6	41.2	42.2	42.6	41.7	44.4	44.8
35°	47.7	61.3	71.3	68.1	63.3	62.4	64.7	65.4	59.0	61.9	62.9
32.5°	76.5	92.9	93.7	89.5	91.8	92.3	98.7	94.4	89.0	91.7	98.9
30°	110.5	126.7	132.6	125.1	111.2	119.0	125.6	123.6	127.4	138.6	150.5
27.5°	163.5	174.0	183.9	168.7	141.2	153.2	157.9	153.1	179.3	193.3	221.3
25°	226.8	238.8	246.5	233.7	214.7	204.9	219.8	231.0	262.8	294.0	337.7
22.5°	295.8	327.9	337.1	303.8	303.8	303.7	309.4	347.4	390.3	459.0	574.2
20°	376.2	440.0	490.9	457.2	414.0	443.2	479.2	525.8	648.3	959.8	1313.8
17.5°	661.1	616.4	710.1	713.3	651.1	719.3	849.1	1016.2	1532.9	3121.7	4163.2
15°	1124.9	1077.7	1019.4	1022.4	1083.9	1217.6	1483.3	2408.4	4690.6	8081.6	11586.2
12.5°	1598.4	1527.7	1441.8	1419.0	1553.2	1822.4	3075.7	6882.7	12256.5	18108.5	33120.1
10°	1972.0	1934.4	1855.1	1914.3	2138.4	2929.0	5492.1	12095.0	23183.9	42571.6	66494.0
7.5°	2191.2	2176.9	2198.2	2371.9	2737.2	4818.9	10454.3	20269.2	38542.4	67922.1	111020.4
5°	2411.3	2423.3	2488.0	2727.0	3194.5	6129.5	14755.1	28166.7	55806.7	98993.1	165733.9
2.5°	2655.1	2666.2	2753.2	3054.1	3589.0	6334.4	15778.6	33196.2	70758.0	127351.2	215820.7
0°	2935.8	2872.9	2899.1	3173.3	3725.5	7388.1	18209.3	36402.8	78311.2	139130.7	229364.9
-2.5°	3035.5	2900.8	2876.2	3107.8	3591.8	6547.2	16266.1	33851.1	71927.2	127461.2	213875.5
-5°	2967.9	2783.8	2710.2	2899.6	3359.1	5741.0	13677.2	30802.1	63860.2	109036.8	181229.7
-7.5°	2799.8	2623.3	2514.8	2657.3	3058.5	4730.7	10476.7	23325.4	46482.9	80675.4	128741.4
-10°	2655.5	2486.3	2320.9	2366.6	2644.4	3521.3	6522.2	15278.5	30710.6	54458.1	81850.2
-12.5°	2530.6	2388.8	2141.1	2065.8	2221.5	2633.0	4552.1	10413.7	19644.0	30892.2	50093.5
-15°	2401.3	2285.2	2037.8	1918.7	1974.2	2174.7	2694.5	5001.9	10756.2	18308.9	26580.7
-17.5°	2258.0	2178.2	2029.5	1853.6	1778.3	1858.9	2107.2	2819.8	4780.0	9487.1	14644.8
-20°	2160.9	2116.5	2007.4	1852.9	1756.2	1719.0	1805.1	2023.3	2504.7	4308.8	6530.8



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2039.3	2020.8	1947.1	1903.0	1832.2	1752.3	1676.8	1744.4	1904.2	2150.1	2917.9
-25°	1924.2	1928.7	1933.4	1991.7	1980.3	1868.6	1725.3	1622.7	1676.5	1753.6	1909.1
-27.5°	1796.9	1860.1	1958.2	2067.7	2118.5	2024.1	1855.3	1701.4	1655.6	1610.5	1676.3
-30°	1685.0	1813.8	1918.9	2052.6	2140.3	2112.1	2025.1	1921.4	1809.1	1730.9	1705.3
-32.5°	1396.4	1753.3	1850.5	1958.0	2089.0	2130.7	2120.7	2080.9	2032.9	1977.9	1920.8
-35°	1085.2	1481.4	1807.3	1869.2	1954.8	2078.3	2175.6	2182.3	2176.1	2155.9	2140.6
-37.5°	766.4	1143.5	1486.8	1762.5	1865.3	1947.5	2096.4	2210.2	2275.0	2269.9	2271.3
-40°	636.5	740.3	1085.7	1404.3	1640.5	1860.7	1979.4	2128.4	2246.8	2295.1	2331.8
-42.5°	614.0	654.2	695.5	934.5	1238.5	1504.9	1709.8	1898.8	2066.1	2185.3	2280.0
-45°	598.1	625.4	656.7	696.4	739.2	977.2	1241.9	1488.0	1648.9	1809.8	1977.8
-47.5°	597.5	604.2	626.4	654.3	681.5	720.1	764.4	824.4	1002.4	1164.0	1334.7
-50°	579.7	606.7	614.2	622.7	640.1	661.3	682.1	703.7	724.1	736.9	754.2
-52.5°	527.0	561.9	594.6	620.1	626.8	633.2	639.2	653.2	666.8	678.1	690.9
-55°	463.3	500.3	536.3	565.7	592.0	616.9	635.6	638.6	642.8	647.7	655.5
-57.5°	394.4	430.4	464.5	495.2	524.1	551.0	570.3	584.7	598.2	611.0	627.6
-60°	323.5	355.3	386.4	416.1	444.6	471.8	489.6	504.2	516.9	529.5	546.6
-62.5°	254.1	278.4	306.5	333.3	358.1	381.4	399.9	415.6	428.6	441.8	457.6
-65°	197.5	215.6	236.5	256.1	274.4	295.9	315.9	332.3	345.4	358.3	372.5
-67.5°	141.0	157.8	177.2	195.4	212.5	228.9	245.7	261.4	276.0	290.7	305.4
-70°	94.2	106.1	120.2	135.7	151.7	166.6	180.9	194.6	207.7	220.8	233.4
-72.5°	58.4	65.8	73.6	84.0	94.7	105.1	115.3	125.5	135.5	147.3	159.1
-75°	33.3	36.3	42.2	47.9	53.3	58.4	62.8	66.6	69.7	76.6	84.2
-77.5°	27.9	29.4	31.0	32.5	34.1	36.3	38.7	41.1	43.6	49.2	55.4
-80°	21.8	22.8	23.9	25.0	26.2	27.8	29.5	31.1	32.6	36.7	41.0
-82.5°	16.1	16.6	17.0	17.5	17.8	19.1	20.4	21.7	22.9	26.3	29.7
-85°	11.7	11.9	12.1	12.2	12.4	13.5	14.6	15.7	16.8	20.1	23.5
-87.5°	9.2	9.2	9.2	9.2	9.2	10.4	11.5	12.5	13.5	17.1	20.6
-90°	3.9	3.6	3.3	2.9	2.6	2.3	2.0	1.6	1.3	1.3	1.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	50.1	59.0	49.8	40.7	49.8	59.0	50.1	41.3	32.4	23.6	20.0
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6
85°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	1.9	2.2	2.5	2.5
82.5°	1.6	1.3	1.9	2.6	1.9	1.3	1.6	2.0	2.3	2.6	2.9
80°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	3.0
77.5°	2.9	2.6	2.6	2.6	2.6	2.6	2.9	3.2	3.5	3.7	3.7
75°	4.2	3.9	3.9	3.9	3.9	3.9	4.2	4.5	4.7	5.0	5.1
72.5°	8.0	7.8	7.9	7.9	7.9	7.8	8.0	8.2	8.3	8.4	8.6
70°	12.0	12.9	13.1	13.1	13.1	12.9	12.0	11.3	10.6	10.5	11.2
67.5°	9.8	9.4	9.2	9.2	9.2	9.4	9.8	10.2	10.4	11.1	12.3
65°	8.4	8.0	7.9	7.9	7.9	8.0	8.4	8.9	9.4	10.3	11.7
62.5°	7.5	7.8	7.9	7.9	7.9	7.8	7.5	7.4	7.4	8.2	9.5
60°	7.4	7.8	7.9	7.9	7.9	7.8	7.4	7.1	6.7	7.0	7.6
57.5°	7.4	7.8	7.9	7.9	7.9	7.8	7.4	7.0	6.6	7.1	7.6
55°	7.8	7.9	8.4	9.2	8.4	7.9	7.8	7.7	7.4	7.8	8.3
52.5°	9.0	9.1	9.2	9.2	9.2	9.1	9.0	8.9	8.7	8.9	9.0
50°	10.3	10.4	10.5	10.5	10.5	10.4	10.3	10.1	10.1	10.2	10.3
47.5°	12.6	12.9	13.0	13.1	13.0	12.9	12.6	12.3	12.0	11.9	11.7
45°	15.8	15.7	15.6	15.7	15.6	15.7	15.8	15.6	16.6	16.3	14.2
42.5°	21.1	21.7	22.1	22.3	22.1	21.7	21.1	20.3	22.6	25.9	28.2
40°	33.3	33.8	33.5	32.8	33.5	33.8	33.3	31.7	30.3	28.6	30.7
37.5°	45.3	46.2	46.8	47.2	46.8	46.2	45.3	44.8	44.4	41.7	42.6
35°	63.6	64.3	63.9	65.6	63.9	64.3	63.6	62.9	61.9	59.0	65.4
32.5°	103.7	104.3	101.0	102.3	101.0	104.3	103.7	98.9	91.7	89.0	94.4
30°	158.8	166.1	170.5	175.8	170.5	166.1	158.8	150.5	138.6	127.4	123.6
27.5°	241.7	259.6	271.3	278.1	271.3	259.6	241.7	221.3	193.3	179.3	153.1
25°	377.4	404.6	419.1	430.3	419.1	404.6	377.4	337.7	294.0	262.8	231.0
22.5°	733.2	836.9	894.8	949.8	894.8	836.9	733.2	574.2	459.0	390.3	347.4
20°	1880.1	2001.2	2229.3	2370.4	2229.3	2001.2	1880.1	1313.8	959.8	648.3	525.8
17.5°	6333.2	8074.3	8399.3	8644.8	8399.3	8074.3	6333.2	4163.2	3121.7	1532.9	1016.2
15°	18860.4	24027.7	25418.5	26602.2	25418.5	24027.7	18860.4	11586.2	8081.6	4690.6	2408.4
12.5°	45537.1	59759.1	67494.6	73371.5	67494.6	59759.1	45537.1	33120.1	18108.5	12256.5	6882.7
10°	95406.9	123250.3	144383.6	156622.4	144383.6	123250.3	95406.9	66494.0	42571.6	23183.9	12095.0
7.5°	162474.0	209666.4	237253.1	251295.1	237253.1	209666.4	162474.0	111020.4	67922.1	38542.4	20269.2
5°	245056.5	305977.0	344477.4	365647.7	344477.4	305977.0	245056.5	165733.9	98993.1	55806.7	28166.7
2.5°	306098.9	384254.1	441964.9	469110.9	441964.9	384254.1	306098.9	215820.7	127351.2	70758.0	33196.2
0°	328201.4	410198.1	476170.4	515692.7	476170.4	410198.1	328201.4	229364.9	139130.7	78311.2	36402.8
-2.5°	307101.9	384079.0	435462.4	459373.3	435462.4	384079.0	307101.9	213875.5	127461.2	71927.2	33851.1
-5°	261146.5	327698.8	364624.0	380254.7	364624.0	327698.8	261146.5	181229.7	109036.8	63860.2	30802.1
-7.5°	185278.8	236045.3	261998.0	277394.2	261998.0	236045.3	185278.8	128741.4	80675.4	46482.9	23325.4
-10°	116650.9	145189.8	170015.1	181245.1	170015.1	145189.8	116650.9	81850.2	54458.1	30710.6	15278.5
-12.5°	67744.7	85813.1	100338.8	106509.2	100338.8	85813.1	67744.7	50093.5	30892.2	19644.0	10413.7
-15°	37437.7	47311.6	53999.2	56615.1	53999.2	47311.6	37437.7	26580.7	18308.9	10756.2	5001.9
-17.5°	20818.2	25609.5	27510.4	30558.6	27510.4	25609.5	20818.2	14644.8	9487.1	4780.0	2819.8
-20°	10199.1	12683.4	13480.0	15630.2	13480.0	12683.4	10199.1	6530.8	4308.8	2504.7	2023.3



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	3961.7	4548.0	4678.7	5698.5	4678.7	4548.0	3961.7	2917.9	2150.1	1904.2	1744.4
-25°	2057.4	2156.2	2202.2	2321.9	2202.2	2156.2	2057.4	1909.1	1753.6	1676.5	1622.7
-27.5°	1729.5	1777.4	1815.6	1873.3	1815.6	1777.4	1729.5	1676.3	1610.5	1655.6	1701.4
-30°	1685.6	1677.2	1678.4	1684.4	1678.4	1677.2	1685.6	1705.3	1730.9	1809.1	1921.4
-32.5°	1875.4	1846.3	1831.8	1777.5	1831.8	1846.3	1875.4	1920.8	1977.9	2032.9	2080.9
-35°	2131.4	2128.9	2130.8	2105.5	2130.8	2128.9	2131.4	2140.6	2155.9	2176.1	2182.3
-37.5°	2272.0	2276.1	2281.2	2273.4	2281.2	2276.1	2272.0	2271.3	2269.9	2275.0	2210.2
-40°	2344.6	2356.5	2364.8	2362.6	2364.8	2356.5	2344.6	2331.8	2295.1	2246.8	2128.4
-42.5°	2327.2	2356.4	2370.8	2375.7	2370.8	2356.4	2327.2	2280.0	2185.3	2066.1	1898.8
-45°	2131.5	2251.0	2323.0	2342.9	2323.0	2251.0	2131.5	1977.8	1809.8	1648.9	1488.0
-47.5°	1526.8	1703.6	1869.4	2014.9	1869.4	1703.6	1526.8	1334.7	1164.0	1002.4	824.4
-50°	775.8	795.8	836.6	896.0	836.6	795.8	775.8	754.2	736.9	724.1	703.7
-52.5°	703.6	715.1	726.4	737.2	726.4	715.1	703.6	690.9	678.1	666.8	653.2
-55°	663.0	670.0	675.4	679.5	675.4	670.0	663.0	655.5	647.7	642.8	638.6
-57.5°	641.7	653.5	663.5	671.6	663.5	653.5	641.7	627.6	611.0	598.2	584.7
-60°	561.6	574.5	586.6	596.9	586.6	574.5	561.6	546.6	529.5	516.9	504.2
-62.5°	471.2	482.6	494.4	505.0	494.4	482.6	471.2	457.6	441.8	428.6	415.6
-65°	385.1	396.1	405.9	414.5	405.9	396.1	385.1	372.5	358.3	345.4	332.3
-67.5°	319.1	331.6	344.1	355.5	344.1	331.6	319.1	305.4	290.7	276.0	261.4
-70°	244.8	255.1	263.9	271.5	263.9	255.1	244.8	233.4	220.8	207.7	194.6
-72.5°	169.7	179.4	190.5	200.7	190.5	179.4	169.7	159.1	147.3	135.5	125.5
-75°	91.5	98.6	105.2	111.5	105.2	98.6	91.5	84.2	76.6	69.7	66.6
-77.5°	61.5	67.6	72.0	76.1	72.0	67.6	61.5	55.4	49.2	43.6	41.1
-80°	45.3	49.5	53.0	56.4	53.0	49.5	45.3	41.0	36.7	32.6	31.1
-82.5°	33.2	36.6	39.3	42.0	39.3	36.6	33.2	29.7	26.3	22.9	21.7
-85°	26.8	30.2	32.8	35.4	32.8	30.2	26.8	23.5	20.1	16.8	15.7
-87.5°	24.1	27.6	29.5	31.5	29.5	27.6	24.1	20.6	17.1	13.5	12.5
-90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.6



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	16.4	12.8	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
87.5°	2.0	2.3	2.6	2.9	3.3	3.6	3.9	3.9	3.9	3.9	3.9
85°	2.5	2.6	2.6	2.9	3.3	3.6	3.9	4.1	4.3	4.4	4.4
82.5°	3.1	3.4	3.5	3.6	3.6	3.8	3.9	4.3	4.6	4.9	5.2
80°	3.3	3.6	3.9	4.1	4.2	4.3	4.3	4.5	4.7	4.9	5.3
77.5°	3.7	3.8	4.0	4.5	4.9	5.2	5.4	5.6	5.7	5.9	6.0
75°	5.2	5.2	5.3	5.9	6.2	6.4	6.5	6.4	6.4	6.5	6.6
72.5°	8.7	8.7	9.0	9.7	10.1	10.5	10.4	9.6	8.6	7.4	6.6
70°	11.9	12.4	13.7	15.7	17.0	17.6	17.4	16.1	13.8	12.0	10.2
67.5°	13.4	14.4	16.5	19.4	21.5	23.3	25.1	26.0	25.0	22.5	16.6
65°	13.3	15.0	16.6	18.1	20.6	24.1	30.4	33.6	34.5	33.2	25.9
62.5°	11.0	12.7	13.8	15.1	16.9	20.6	29.1	36.0	41.2	41.1	32.7
60°	8.4	9.3	10.5	11.8	13.2	17.2	25.0	34.1	44.6	42.2	36.1
57.5°	7.8	8.3	9.2	9.9	10.4	13.5	19.5	27.6	37.4	37.5	35.1
55°	8.9	9.4	9.8	10.1	10.6	11.9	14.2	19.3	26.6	28.6	28.1
52.5°	9.2	9.9	10.6	11.4	11.5	11.6	12.3	15.0	17.2	20.2	21.5
50°	10.4	10.6	11.0	11.6	11.9	11.9	12.0	12.8	14.2	15.5	16.5
47.5°	11.8	11.9	11.7	11.9	12.5	12.5	12.3	12.3	13.4	14.0	14.7
45°	14.3	14.3	13.8	14.2	14.0	13.9	13.5	14.0	14.0	14.4	14.4
42.5°	25.9	20.8	17.3	19.0	19.4	18.1	16.4	16.8	16.4	15.8	16.9
40°	35.6	40.4	35.1	28.2	26.4	25.5	23.3	20.9	20.1	18.7	20.9
37.5°	42.2	41.2	50.6	54.4	43.9	35.5	32.6	28.1	25.0	25.9	27.4
35°	64.7	62.4	63.3	68.1	71.3	61.3	47.7	38.7	33.8	34.8	35.4
32.5°	98.7	92.3	91.8	89.5	93.7	92.9	76.5	57.5	49.5	46.9	44.8
30°	125.6	119.0	111.2	125.1	132.6	126.7	110.5	97.8	80.4	61.7	55.9
27.5°	157.9	153.2	141.2	168.7	183.9	174.0	163.5	151.7	120.7	91.0	73.1
25°	219.8	204.9	214.7	233.7	246.5	238.8	226.8	210.4	178.0	134.5	110.0
22.5°	309.4	303.7	303.8	303.8	337.1	327.9	295.8	271.9	265.5	245.7	183.9
20°	479.2	443.2	414.0	457.2	490.9	440.0	376.2	405.0	454.7	408.2	284.7
17.5°	849.1	719.3	651.1	713.3	710.1	616.4	661.1	680.7	680.4	610.4	405.9
15°	1483.3	1217.6	1083.9	1022.4	1019.4	1077.7	1124.9	1003.3	940.0	829.2	603.9
12.5°	3075.7	1822.4	1553.2	1419.0	1441.8	1527.7	1598.4	1427.9	1243.4	1146.7	937.2
10°	5492.1	2929.0	2138.4	1914.3	1855.1	1934.4	1972.0	1802.3	1591.5	1496.8	1292.7
7.5°	10454.3	4818.9	2737.2	2371.9	2198.2	2176.9	2191.2	2090.8	1919.1	1834.7	1660.1
5°	14755.1	6129.5	3194.5	2727.0	2488.0	2423.3	2411.3	2327.0	2230.1	2162.0	2026.1
2.5°	15778.6	6334.4	3589.0	3054.1	2753.2	2666.2	2655.1	2520.7	2438.0	2335.9	2186.7
0°	18209.3	7388.1	3725.5	3173.3	2899.1	2872.9	2935.8	2698.4	2598.7	2476.7	2319.3
-2.5°	16266.1	6547.2	3591.8	3107.8	2876.2	2900.8	3035.5	2857.5	2708.1	2525.0	2289.3
-5°	13677.2	5741.0	3359.1	2899.6	2710.2	2783.8	2967.9	2882.5	2729.7	2534.9	2217.4
-7.5°	10476.7	4730.7	3058.5	2657.3	2514.8	2623.3	2799.8	2749.3	2587.2	2420.2	2070.6
-10°	6522.2	3521.3	2644.4	2366.6	2320.9	2486.3	2655.5	2596.8	2446.2	2302.8	1899.8
-12.5°	4552.1	2633.0	2221.5	2065.8	2141.1	2388.8	2530.6	2431.5	2311.2	2186.4	1712.1
-15°	2694.5	2174.7	1974.2	1918.7	2037.8	2285.2	2401.3	2305.8	2212.8	2072.6	1513.4
-17.5°	2107.2	1858.9	1778.3	1853.6	2029.5	2178.2	2258.0	2205.7	2097.0	1883.2	1274.6
-20°	1805.1	1719.0	1756.2	1852.9	2007.4	2116.5	2160.9	2096.0	1957.1	1587.8	1031.3



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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°	1676.8	1752.3	1832.2	1903.0	1947.1	2020.8	2039.3	1966.4	1798.9	1275.8	794.5
-25°	1725.3	1868.6	1980.3	1991.7	1933.4	1928.7	1924.2	1820.8	1484.8	987.7	595.7
-27.5°	1855.3	2024.1	2118.5	2067.7	1958.2	1860.1	1796.9	1641.3	1162.6	761.1	560.3
-30°	2025.1	2112.1	2140.3	2052.6	1918.9	1813.8	1685.0	1289.0	896.3	587.8	534.0
-32.5°	2120.7	2130.7	2089.0	1958.0	1850.5	1753.3	1396.4	966.7	648.2	559.9	520.2
-35°	2175.6	2078.3	1954.8	1869.2	1807.3	1481.4	1085.2	721.2	578.1	535.9	509.4
-37.5°	2096.4	1947.5	1865.3	1762.5	1486.8	1143.5	766.4	608.4	553.8	523.8	506.0
-40°	1979.4	1860.7	1640.5	1404.3	1085.7	740.3	636.5	585.7	547.6	517.3	506.5
-42.5°	1709.8	1504.9	1238.5	934.5	695.5	654.2	614.0	575.4	546.0	525.2	483.5
-45°	1241.9	977.2	739.2	696.4	656.7	625.4	598.1	575.1	555.3	506.9	453.2
-47.5°	764.4	720.1	681.5	654.3	626.4	604.2	597.5	583.6	528.2	474.6	420.5
-50°	682.1	661.3	640.1	622.7	614.2	606.7	579.7	541.2	487.5	434.0	382.4
-52.5°	639.2	633.2	626.8	620.1	594.6	561.9	527.0	485.8	438.2	386.9	337.1
-55°	635.6	616.9	592.0	565.7	536.3	500.3	463.3	424.3	381.1	333.8	290.7
-57.5°	570.3	551.0	524.1	495.2	464.5	430.4	394.4	357.5	321.8	282.1	243.7
-60°	489.6	471.8	444.6	416.1	386.4	355.3	323.5	292.3	261.9	232.7	201.7
-62.5°	399.9	381.4	358.1	333.3	306.5	278.4	254.1	232.8	210.5	185.7	157.5
-65°	315.9	295.9	274.4	256.1	236.5	215.6	197.5	178.5	158.3	136.6	112.4
-67.5°	245.7	228.9	212.5	195.4	177.2	157.8	141.0	123.8	108.7	93.7	76.4
-70°	180.9	166.6	151.7	135.7	120.2	106.1	94.2	82.3	69.1	58.6	49.7
-72.5°	115.3	105.1	94.7	84.0	73.6	65.8	58.4	51.0	43.8	36.8	31.6
-75°	62.8	58.4	53.3	47.9	42.2	36.3	33.3	31.8	30.2	28.4	26.3
-77.5°	38.7	36.3	34.1	32.5	31.0	29.4	27.9	26.4	24.9	23.5	22.3
-80°	29.5	27.8	26.2	25.0	23.9	22.8	21.8	20.9	20.1	19.4	18.7
-82.5°	20.4	19.1	17.8	17.5	17.0	16.6	16.1	15.8	15.5	15.3	15.0
-85°	14.6	13.5	12.4	12.2	12.1	11.9	11.7	11.8	11.9	12.0	12.1
-87.5°	11.5	10.4	9.2	9.2	9.2	9.2	9.2	9.5	9.7	9.9	10.1
-90°	2.0	2.3	2.6	2.9	3.3	3.6	3.9	3.9	3.9	3.9	3.9



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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°	8.9	8.6	8.2	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
87.5°	4.2	4.6	4.9	5.2	5.6	5.9	6.3	6.6	6.6	6.6	6.6
85°	4.6	4.7	5.0	5.2	5.6	5.9	6.3	6.6	6.6	6.6	6.6
82.5°	5.2	5.2	5.1	5.2	5.6	5.9	6.3	6.6	6.6	6.6	6.6
80°	5.5	5.6	5.7	5.6	5.7	6.0	6.3	6.6	6.6	6.6	6.6
77.5°	6.0	6.1	6.3	6.4	6.3	6.3	6.4	6.6	6.6	6.6	6.6
75°	6.6	6.5	6.5	6.7	6.7	6.6	6.5	6.7	6.7	6.6	6.6
72.5°	6.6	6.6	6.6	6.8	6.9	7.0	6.8	6.7	6.9	6.9	6.7
70°	8.5	7.0	6.6	6.8	7.1	7.4	7.3	7.2	7.1	7.1	7.0
67.5°	11.8	9.8	8.1	7.1	7.2	7.5	7.8	7.8	7.6	7.4	7.3
65°	19.1	13.8	10.3	8.9	7.9	7.6	7.9	8.2	8.1	7.9	7.7
62.5°	25.2	18.5	13.8	11.0	9.2	8.3	8.0	8.4	8.6	8.3	8.1
60°	30.2	22.6	17.4	14.1	11.0	9.0	8.5	8.6	8.9	8.8	8.5
57.5°	29.4	25.2	21.5	17.3	13.6	10.6	9.2	9.1	9.2	9.2	8.9
55°	26.2	23.4	24.2	21.1	16.5	12.7	10.4	9.8	9.6	9.6	9.4
52.5°	20.5	22.1	24.5	23.9	19.9	15.1	12.4	10.4	10.2	10.0	9.9
50°	16.4	19.8	24.2	25.5	23.0	18.3	14.4	12.0	10.7	10.5	10.5
47.5°	15.8	18.9	22.2	26.7	25.7	21.1	16.6	13.6	11.3	10.9	11.2
45°	17.2	19.6	21.5	25.0	28.0	23.1	18.8	15.1	12.6	11.7	11.9
42.5°	19.5	21.5	22.9	23.4	26.7	24.7	20.6	16.7	13.8	12.6	12.7
40°	22.9	24.4	25.1	25.6	25.6	25.8	21.8	18.1	15.1	13.8	13.6
37.5°	27.1	28.1	28.4	29.2	26.4	25.7	22.5	19.2	16.8	15.3	14.5
35°	34.3	32.6	33.8	34.2	30.8	26.3	23.0	20.0	18.7	16.7	15.4
32.5°	42.7	40.6	41.3	40.0	36.3	27.6	23.7	22.2	20.8	18.2	16.4
30°	54.3	55.4	50.7	46.6	42.6	32.7	26.2	24.7	23.0	19.6	17.5
27.5°	76.0	73.6	62.6	55.3	48.8	39.3	31.3	27.4	25.3	21.2	18.7
25°	103.7	95.5	80.3	65.7	55.6	59.2	37.0	30.5	27.7	23.1	19.9
22.5°	140.4	120.8	100.4	77.1	84.8	85.3	48.3	35.2	30.2	25.0	21.0
20°	182.4	149.1	130.4	122.4	119.8	111.6	67.5	40.2	32.8	27.0	22.1
17.5°	236.7	208.2	202.7	178.3	158.4	140.3	90.2	45.5	35.5	29.0	23.2
15°	399.4	305.1	279.8	239.7	199.4	171.0	115.5	51.0	38.2	31.0	23.7
12.5°	610.9	405.1	360.7	305.4	242.2	203.2	142.7	56.6	41.0	31.9	23.3
10°	848.9	507.1	444.2	373.8	286.2	236.3	170.7	61.9	42.3	31.9	23.0
7.5°	1102.1	609.9	529.0	443.5	329.1	267.3	198.6	66.8	43.3	31.7	22.6
5°	1331.9	694.1	596.1	496.4	363.0	294.7	225.4	71.6	44.4	31.3	22.1
2.5°	1431.8	747.1	649.9	544.0	395.6	320.6	250.1	76.0	45.2	30.8	21.6
0°	1504.6	796.3	700.5	587.7	426.3	345.0	271.5	80.0	45.9	30.2	21.0
-2.5°	1435.0	788.4	689.2	585.9	436.4	350.1	272.5	92.5	55.0	35.6	23.2
-5°	1343.4	776.5	675.2	580.2	443.8	353.1	270.0	104.1	63.6	40.7	25.3
-7.5°	1263.3	746.6	654.6	570.0	448.2	353.9	264.7	114.6	71.5	45.3	27.2
-10°	1161.6	705.5	624.8	546.3	441.8	351.9	257.6	123.9	78.6	49.4	28.8
-12.5°	1028.3	663.2	594.5	523.0	432.3	347.8	251.5	132.7	84.9	52.7	30.1
-15°	862.1	620.6	564.5	501.1	421.5	342.4	244.3	140.4	91.4	56.1	31.0
-17.5°	665.2	578.3	535.5	482.0	410.0	335.8	236.6	146.4	96.8	59.8	32.5
-20°	606.7	548.5	508.1	466.6	397.8	328.3	229.0	150.6	101.0	62.4	34.2



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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°	575.8	529.4	493.5	450.8	385.9	319.9	221.9	152.9	104.0	63.9	35.1
-25°	544.2	511.2	482.7	435.5	374.3	307.0	219.2	153.1	105.7	64.3	35.3
-27.5°	521.0	495.7	474.1	419.4	360.6	296.2	218.5	154.3	106.0	63.4	34.5
-30°	502.9	487.1	457.7	402.5	345.5	280.8	215.1	154.0	104.7	62.2	32.9
-32.5°	494.0	481.8	438.1	384.5	327.5	264.4	205.1	151.8	101.8	60.2	31.9
-35°	494.0	466.7	418.1	365.0	308.0	248.9	192.7	147.7	97.0	57.0	30.8
-37.5°	492.4	444.8	395.6	343.7	287.8	232.3	181.0	136.6	90.4	52.3	29.2
-40°	466.8	420.0	371.2	321.2	268.0	214.6	167.3	123.7	83.5	46.3	26.9
-42.5°	439.1	391.9	344.1	297.3	247.5	197.4	151.7	109.5	73.2	41.8	24.1
-45°	406.9	360.9	314.2	270.5	226.0	178.1	134.6	94.5	61.8	37.8	21.9
-47.5°	371.8	325.8	282.4	241.6	201.6	156.9	116.0	80.7	49.6	33.0	21.1
-50°	331.1	288.7	248.9	211.5	173.6	134.8	97.0	65.9	42.7	27.0	20.2
-52.5°	290.7	250.1	215.2	180.8	146.0	111.1	79.5	51.1	35.4	23.9	19.1
-55°	248.8	212.9	181.8	149.7	117.6	89.2	61.0	42.3	27.7	22.2	18.0
-57.5°	210.2	177.5	147.5	117.8	91.5	67.1	47.4	33.1	24.4	20.5	17.2
-60°	171.1	140.5	112.0	89.2	67.1	49.4	36.6	25.9	22.3	18.8	16.3
-62.5°	129.6	103.4	82.2	62.4	48.2	37.1	27.0	23.6	20.2	17.7	15.3
-65°	92.5	72.8	54.1	44.8	34.9	27.1	24.3	21.2	18.8	16.6	14.4
-67.5°	59.1	49.0	39.3	30.5	26.6	24.1	21.6	19.5	17.5	15.4	13.8
-70°	40.9	32.4	27.9	25.5	23.3	21.2	19.7	18.0	16.1	14.6	13.1
-72.5°	29.0	26.5	24.1	22.0	20.7	19.4	18.0	16.6	15.2	13.8	12.4
-75°	24.2	22.6	21.2	19.9	18.7	17.6	16.6	15.6	14.3	13.0	11.7
-77.5°	21.0	19.8	18.8	17.7	16.8	16.0	15.3	14.5	13.3	12.0	10.9
-80°	17.8	17.0	16.2	15.5	14.9	14.4	13.8	13.1	12.0	11.0	10.1
-82.5°	14.5	14.1	13.7	13.3	12.9	12.4	12.0	11.5	10.7	9.9	9.3
-85°	11.9	11.6	11.3	11.1	10.8	10.5	10.3	10.1	9.6	9.2	8.9
-87.5°	10.0	9.8	9.6	9.4	9.3	9.2	9.1	9.0	8.8	8.6	8.4
-90°	4.2	4.6	4.9	5.2	5.6	5.9	6.3	6.6	6.6	6.6	6.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	7.9	7.6	7.3	6.9	6.6	6.6	6.6
87.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6
85°	6.6	6.6	6.6	6.6	6.6	6.6	6.6
82.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6
80°	6.6	6.6	6.6	6.6	6.6	6.6	6.6
77.5°	6.6	6.7	6.6	6.6	6.6	6.6	6.6
75°	6.7	6.8	6.6	6.6	6.6	6.6	6.6
72.5°	6.7	7.0	6.9	6.6	6.6	6.6	6.6
70°	6.9	7.2	7.1	6.6	6.6	6.6	6.6
67.5°	7.2	7.4	7.4	6.9	6.6	6.6	6.6
65°	7.6	7.7	7.7	7.2	6.6	6.6	6.6
62.5°	8.0	8.0	7.9	7.4	6.6	6.6	6.6
60°	8.4	8.3	8.2	7.7	6.6	6.6	6.6
57.5°	8.8	8.6	8.5	8.0	6.8	6.6	6.6
55°	9.3	8.9	8.7	8.2	6.9	6.6	6.6
52.5°	9.7	9.3	9.0	8.5	7.1	6.6	6.6
50°	10.2	9.7	9.2	8.8	7.3	6.6	6.6
47.5°	10.8	10.1	9.5	9.1	7.4	6.6	6.6
45°	11.4	10.6	9.7	9.3	7.5	6.6	6.6
42.5°	12.1	11.0	10.0	9.5	7.6	6.6	6.6
40°	12.8	11.5	10.3	9.5	7.7	6.6	6.6
37.5°	13.5	12.0	10.6	9.6	7.8	6.6	6.6
35°	14.3	12.5	11.0	9.6	7.9	6.6	6.6
32.5°	15.1	13.1	11.3	9.6	8.0	6.6	6.6
30°	15.9	13.8	11.7	9.7	8.0	6.6	6.6
27.5°	16.8	14.4	11.8	9.7	8.1	6.6	6.6
25°	17.6	15.0	11.8	9.7	8.1	6.6	6.6
22.5°	18.5	15.5	11.8	9.7	8.1	6.6	6.6
20°	19.4	15.4	11.8	9.6	8.1	6.6	6.6
17.5°	19.5	15.3	11.7	9.6	8.1	6.6	6.6
15°	19.1	15.1	11.6	9.6	8.1	6.6	6.6
12.5°	18.7	14.9	11.5	9.5	8.1	6.6	6.6
10°	18.2	14.6	11.3	9.5	8.1	6.6	6.6
7.5°	17.7	14.3	11.1	9.4	8.0	6.6	6.6
5°	17.0	13.9	10.9	9.4	8.0	6.6	6.6
2.5°	16.4	13.5	10.7	9.3	8.0	6.6	6.6
0°	15.7	13.1	10.5	9.2	7.9	6.6	6.6
-2.5°	16.4	13.2	10.6	9.2	7.9	6.6	6.6
-5°	17.0	13.3	10.7	9.2	7.9	6.7	6.6
-7.5°	17.6	13.4	10.8	9.2	7.9	6.7	6.6
-10°	18.1	13.5	10.8	9.1	7.9	6.7	6.6
-12.5°	18.5	13.5	10.9	9.1	7.9	6.7	6.6
-15°	18.7	13.5	10.9	9.1	7.8	6.8	6.6
-17.5°	18.8	13.5	10.9	9.0	7.8	6.8	6.6
-20°	19.1	13.4	10.9	9.0	7.8	6.8	6.6



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	19.6	13.4	10.8	8.9	7.8	6.8	6.6
-25°	19.8	13.5	10.7	8.8	7.8	6.8	6.6
-27.5°	19.7	13.6	10.6	8.8	7.7	6.9	6.6
-30°	19.2	13.7	10.4	8.7	7.7	6.9	6.6
-32.5°	18.3	13.7	10.4	8.6	7.7	6.9	6.6
-35°	17.9	13.6	10.3	8.5	7.7	6.9	6.6
-37.5°	17.8	13.4	10.2	8.4	7.7	6.9	6.6
-40°	17.5	13.3	10.1	8.3	7.7	6.9	6.6
-42.5°	17.1	13.1	10.0	8.2	7.7	6.9	6.6
-45°	16.6	12.9	10.0	8.2	7.7	6.9	6.6
-47.5°	16.0	12.6	10.0	8.1	7.7	6.9	6.6
-50°	15.6	12.3	9.9	8.2	7.7	6.9	6.6
-52.5°	15.1	11.9	9.8	8.2	7.7	6.9	6.6
-55°	14.5	11.7	9.6	8.3	7.7	6.9	6.6
-57.5°	13.9	11.4	9.5	8.3	7.7	6.9	6.6
-60°	13.3	11.2	9.3	8.3	7.7	6.9	6.6
-62.5°	12.9	10.9	9.3	8.3	7.7	6.9	6.6
-65°	12.5	10.6	9.2	8.3	7.6	6.8	6.6
-67.5°	12.0	10.3	9.0	8.2	7.5	6.8	6.6
-70°	11.5	10.0	8.9	8.2	7.4	6.8	6.6
-72.5°	11.0	9.7	8.7	8.1	7.3	6.8	6.6
-75°	10.5	9.3	8.5	7.9	7.2	6.8	6.6
-77.5°	9.9	9.0	8.3	7.7	7.1	6.7	6.6
-80°	9.2	8.7	8.1	7.6	7.0	6.7	6.6
-82.5°	8.9	8.4	7.9	7.4	6.9	6.7	6.6
-85°	8.6	8.1	7.7	7.3	6.8	6.7	6.6
-87.5°	8.2	7.9	7.5	7.1	6.7	6.6	6.6
-90°	6.6	6.6	6.6	6.6	6.6	6.6	6.6

(END OF REPORT)