

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: P1305595 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-640L-40-70-1S-CV5-A**

Issue Date: 2/3/2026

Test Information

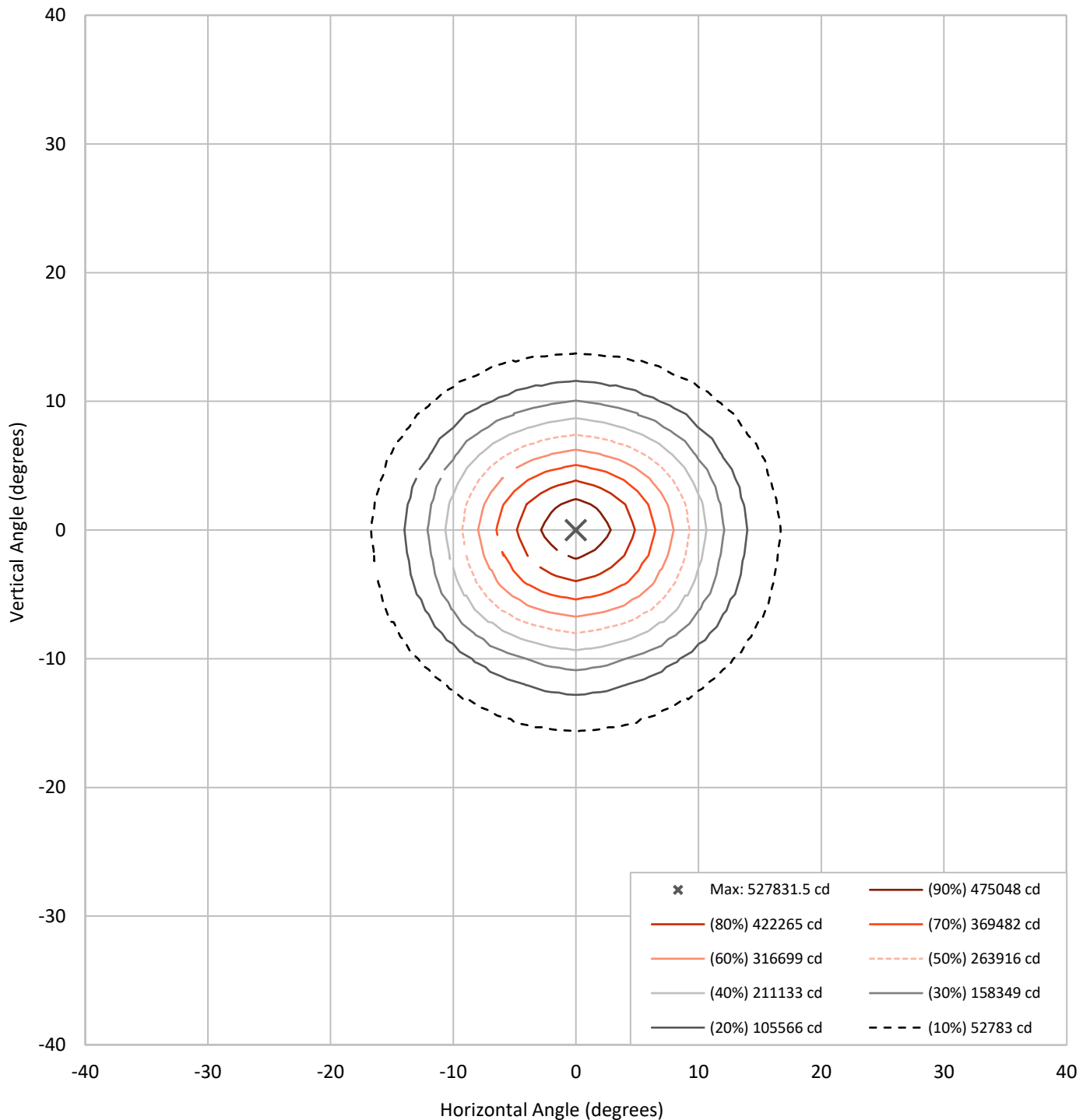
Test Method: LM-79-08
Report Number: P1305595 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-640L-40-70-1S-CV5-A
Description: EPHESUS LUMASPORT 8 LUMINAIRE
(8) 4000K, 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:	54266.1 lumens	Max Intensity:	527831.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	80.2 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:	25026.8 lumens	Field Lumens:	46171.9 lumens
Beam Efficiency:	46.1%	Field Efficiency:	85.1%
Input Watts (W):	677		
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





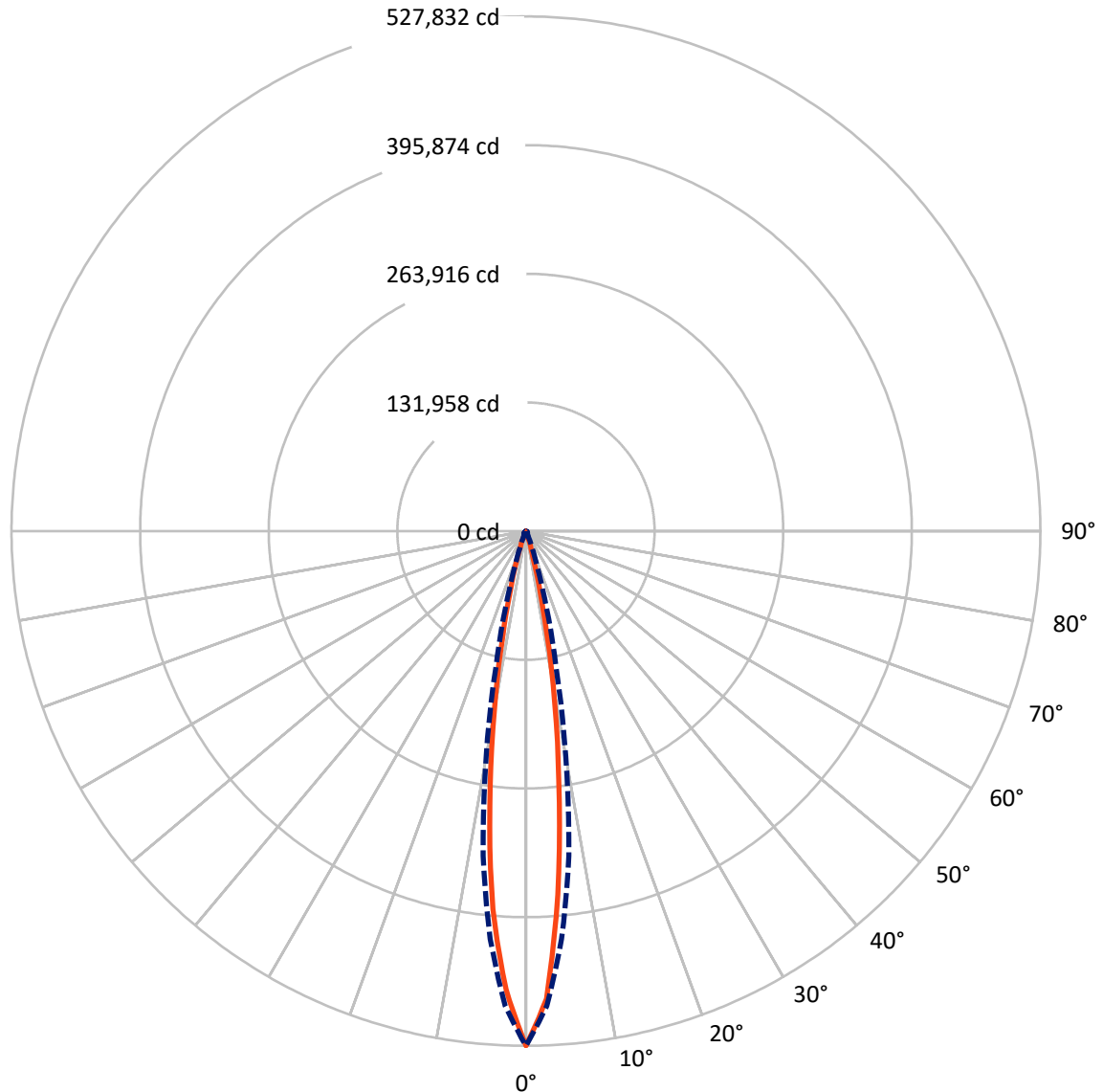
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Lumen Table

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	0.7	0.4	0.3	0.3	0.3	0.3	0.4	0.7	0.5	0.2	0.1	0.2
60		0.1	0.4	0.6	0.4	0.3	0.2	0.3	0.3	0.2	0.3	0.4	0.6	0.4	0.1	
50	0.3	0.2	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.2	0.3
40		0.3	0.6	0.8	1.4	2.0	2.1	2.4	2.4	2.1	2.0	1.4	0.8	0.6	0.3	
30	0.4	0.5	1.4	3.2	6.1	6.9	9.8	19.7	19.7	9.8	6.9	6.1	3.2	1.4	0.5	0.4
20		1.1	4.4	14.8	27.6	36.7	272.0	1133.1	1133.1	272.0	36.7	27.6	14.8	4.4	1.1	
10	0.4	1.8	8.7	37.3	60.4	137.2	1996.1	8649.6	8649.6	1996.1	137.2	60.4	37.3	8.7	1.8	0.4
0		2.2	10.2	42.9	70.7	140.6	2142.3	9040.8	9040.8	2142.3	140.6	70.7	42.9	10.2	2.2	
-10	0.5	2.3	8.9	32.4	58.4	64.3	456.9	1774.6	1774.6	456.9	64.3	58.4	32.4	8.9	2.3	0.5
-20		2.3	7.7	18.2	47.0	54.4	60.0	116.8	116.8	60.0	54.4	47.0	18.2	7.7	2.3	
-30	0.4	2.0	6.5	11.6	28.8	54.4	63.5	64.2	64.2	63.5	54.4	28.8	11.6	6.5	2.0	0.4
-40		1.4	4.9	9.9	15.6	27.4	46.3	60.8	60.8	46.3	27.4	15.6	9.9	4.9	1.4	
-50	0.3	0.7	2.7	6.5	11.7	16.1	19.0	21.1	21.1	19.0	16.1	11.7	6.5	2.7	0.7	0.3
-60		0.3	0.9	2.6	5.1	8.1	10.6	12.6	12.6	10.6	8.1	5.1	2.6	0.9	0.3	
-70	0.2	0.7	2.7	6.5	11.7	16.1	19.0	21.1	21.1	19.0	16.1	11.7	6.5	2.7	0.7	0.2
-80		0.3	0.9	2.6	5.1	8.1	10.6	12.6	12.6	10.6	8.1	5.1	2.6	0.9	0.3	
-90	0.2	0.9		2.4		5.7		9.5		5.7		2.4		0.9		0.2

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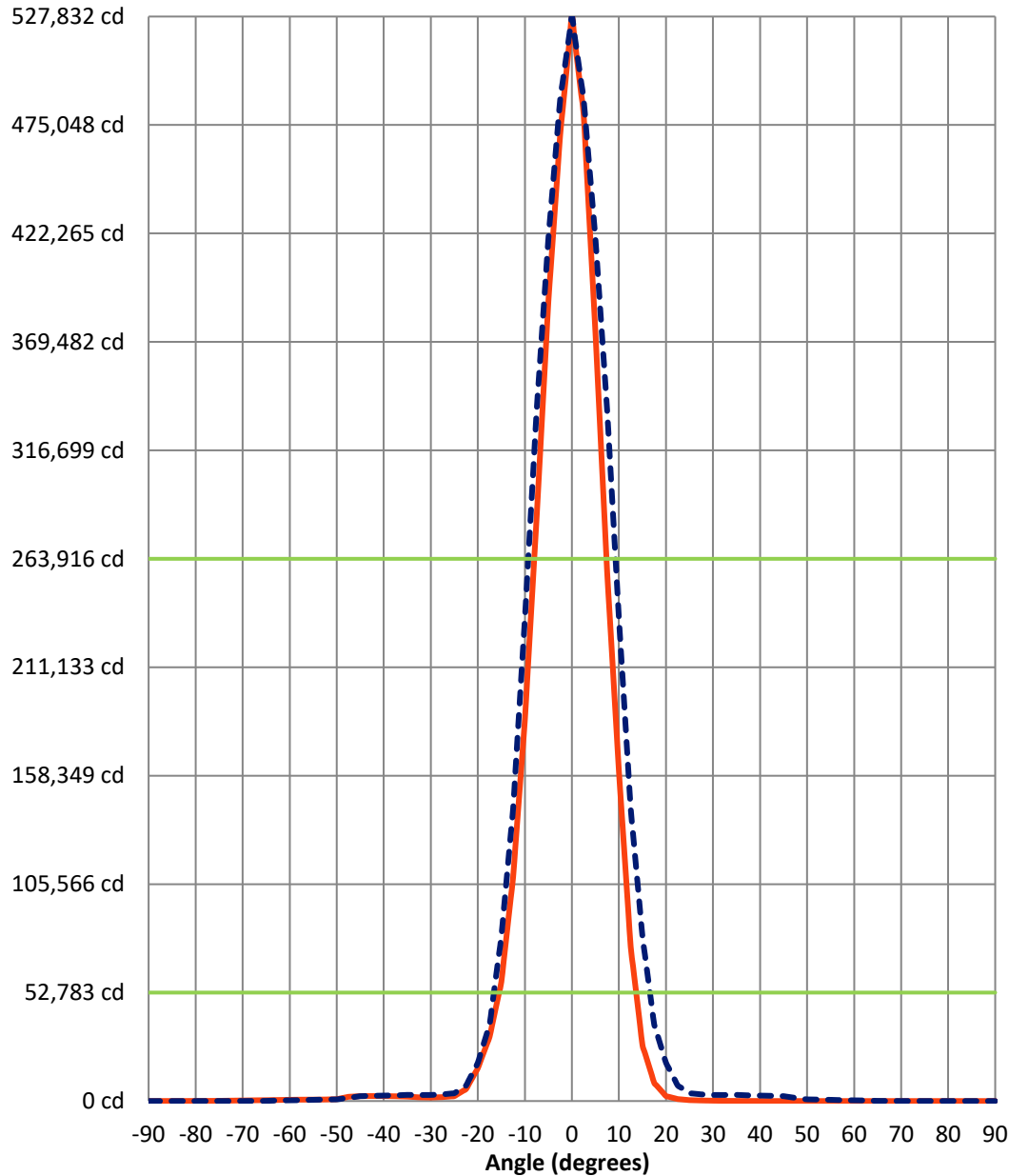
Luminous Intensity Polar Plot



— 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: 25026.8
Efficiency: 46.1%

Field:
H Angle: 33.2°
V Angle: 29.1°
Lumens: 46171.9
Efficiency: 85.1%

Spill:
Lumens: 8094.2
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°	6.7	6.7	6.7	7.1	7.4	7.8	8.1	8.1	8.1	8.1	8.1
87.5°	6.7	6.7	6.7	6.7	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	6.7	6.7	6.7	6.7
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	6.8	6.7	6.7	6.7	6.7	6.7
75°	6.7	6.7	6.7	6.7	6.7	6.9	6.8	6.7	6.7	6.8	6.8
72.5°	6.7	6.7	6.7	6.7	7.0	7.1	6.8	6.8	7.0	7.0	6.8
70°	6.7	6.7	6.7	6.8	7.2	7.3	7.0	7.1	7.3	7.2	7.3
67.5°	6.7	6.7	6.7	7.0	7.5	7.5	7.4	7.5	7.6	7.8	7.9
65°	6.7	6.7	6.7	7.3	7.8	7.8	7.8	7.9	8.1	8.3	8.4
62.5°	6.7	6.7	6.7	7.6	8.1	8.1	8.2	8.3	8.5	8.8	8.6
60°	6.7	6.7	6.7	7.8	8.4	8.5	8.6	8.7	9.0	9.1	8.8
57.5°	6.7	6.7	6.9	8.1	8.7	8.8	9.0	9.1	9.4	9.4	9.4
55°	6.7	6.7	7.1	8.4	8.9	9.1	9.5	9.6	9.8	9.8	10.0
52.5°	6.7	6.7	7.2	8.7	9.2	9.5	10.0	10.1	10.2	10.4	10.6
50°	6.7	6.7	7.4	9.0	9.4	9.9	10.5	10.7	10.7	11.0	12.3
47.5°	6.7	6.7	7.5	9.3	9.7	10.3	11.0	11.4	11.2	11.6	13.9
45°	6.7	6.7	7.7	9.5	9.9	10.8	11.7	12.2	12.0	12.9	15.5
42.5°	6.7	6.7	7.8	9.6	10.2	11.3	12.3	13.0	12.9	14.2	17.1
40°	6.7	6.7	7.9	9.7	10.5	11.7	13.1	13.9	14.1	15.5	18.5
37.5°	6.7	6.7	8.0	9.8	10.8	12.2	13.8	14.8	15.6	17.2	19.6
35°	6.7	6.7	8.1	9.8	11.2	12.8	14.6	15.8	17.1	19.1	20.4
32.5°	6.7	6.7	8.1	9.8	11.6	13.4	15.5	16.8	18.6	21.2	22.7
30°	6.7	6.7	8.2	9.9	11.9	14.1	16.3	17.9	20.1	23.5	25.2
27.5°	6.7	6.7	8.2	9.9	12.0	14.7	17.2	19.2	21.7	25.9	28.0
25°	6.7	6.7	8.3	9.9	12.1	15.4	18.1	20.4	23.6	28.3	31.2
22.5°	6.7	6.7	8.3	9.9	12.1	15.8	18.9	21.5	25.6	30.9	36.0
20°	6.7	6.7	8.3	9.8	12.0	15.8	19.8	22.7	27.7	33.5	41.1
17.5°	6.7	6.7	8.3	9.8	11.9	15.6	20.0	23.8	29.7	36.3	46.6
15°	6.7	6.7	8.3	9.8	11.8	15.5	19.6	24.2	31.7	39.1	52.2
12.5°	6.7	6.7	8.3	9.7	11.7	15.2	19.2	23.9	32.6	41.9	57.9
10°	6.7	6.7	8.3	9.7	11.5	15.0	18.7	23.5	32.6	43.3	63.3
7.5°	6.7	6.7	8.2	9.6	11.4	14.6	18.1	23.1	32.4	44.4	68.3
5°	6.7	6.7	8.2	9.6	11.2	14.2	17.5	22.6	32.1	45.4	73.2
2.5°	6.7	6.7	8.2	9.5	10.9	13.8	16.8	22.1	31.6	46.3	77.8
0°	6.7	6.7	8.1	9.4	10.7	13.4	16.1	21.5	30.9	47.0	81.9
-2.5°	6.7	6.7	8.1	9.4	10.8	13.5	16.8	23.8	36.4	56.3	94.7
-5°	6.7	6.8	8.1	9.4	10.9	13.7	17.5	25.9	41.6	65.1	106.5
-7.5°	6.7	6.8	8.1	9.4	11.0	13.7	18.0	27.9	46.4	73.2	117.3
-10°	6.7	6.8	8.1	9.3	11.1	13.8	18.5	29.5	50.6	80.5	126.8
-12.5°	6.7	6.8	8.0	9.3	11.1	13.8	18.9	30.9	54.0	86.9	135.9
-15°	6.7	6.9	8.0	9.3	11.2	13.9	19.2	31.8	57.5	93.6	143.8
-17.5°	6.7	6.9	8.0	9.2	11.1	13.8	19.3	33.4	61.2	99.1	149.9
-20°	6.7	6.9	8.0	9.2	11.1	13.8	19.5	35.1	63.9	103.5	154.2



REPORT NUMBER: P1305595 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-640L-40-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.7	6.9	8.0	9.1	11.0	13.7	20.1	36.0	65.5	106.5	156.5
-25°	6.7	7.0	7.9	9.0	11.0	13.8	20.3	36.1	65.8	108.2	156.7
-27.5°	6.7	7.0	7.9	9.0	10.8	14.0	20.2	35.4	64.9	108.5	158.0
-30°	6.7	7.0	7.9	8.9	10.7	14.0	19.7	33.7	63.7	107.3	157.6
-32.5°	6.7	7.0	7.9	8.8	10.6	14.0	18.7	32.7	61.7	104.2	155.4
-35°	6.7	7.0	7.9	8.7	10.6	13.9	18.4	31.6	58.4	99.3	151.2
-37.5°	6.7	7.0	7.9	8.6	10.5	13.8	18.2	29.9	53.6	92.6	139.8
-40°	6.7	7.0	7.9	8.5	10.4	13.6	17.9	27.6	47.5	85.5	126.6
-42.5°	6.7	7.0	7.9	8.4	10.3	13.4	17.5	24.7	42.9	75.0	112.1
-45°	6.7	7.1	7.9	8.4	10.3	13.2	17.0	22.4	38.8	63.3	96.7
-47.5°	6.7	7.0	7.9	8.4	10.2	12.9	16.4	21.6	33.8	50.9	82.6
-50°	6.7	7.0	7.9	8.4	10.1	12.6	15.9	20.7	27.6	43.8	67.5
-52.5°	6.7	7.0	7.9	8.4	10.0	12.2	15.4	19.5	24.5	36.3	52.3
-55°	6.7	7.0	7.9	8.5	9.9	12.0	14.9	18.3	22.8	28.4	43.3
-57.5°	6.7	7.0	7.9	8.5	9.7	11.7	14.3	17.6	20.9	24.9	33.9
-60°	6.7	7.0	7.9	8.5	9.6	11.5	13.7	16.7	19.2	22.8	26.6
-62.5°	6.7	7.0	7.8	8.5	9.5	11.2	13.3	15.7	18.1	20.7	24.2
-65°	6.7	7.0	7.8	8.5	9.4	10.9	12.8	14.8	17.0	19.2	21.7
-67.5°	6.7	6.9	7.7	8.4	9.3	10.6	12.4	14.2	15.8	17.9	19.9
-70°	6.7	6.9	7.6	8.4	9.1	10.3	11.8	13.5	15.0	16.5	18.4
-72.5°	6.7	6.9	7.5	8.2	8.9	9.9	11.3	12.8	14.2	15.6	17.0
-75°	6.7	6.9	7.4	8.1	8.7	9.6	10.7	12.0	13.4	14.7	16.0
-77.5°	6.7	6.8	7.3	7.9	8.5	9.2	10.1	11.2	12.3	13.6	14.9
-80°	6.7	6.8	7.2	7.7	8.3	8.9	9.5	10.3	11.2	12.3	13.4
-82.5°	6.7	6.8	7.1	7.6	8.1	8.6	9.1	9.5	10.1	10.9	11.8
-85°	6.7	6.8	6.9	7.4	7.9	8.3	8.8	9.1	9.4	9.8	10.3
-87.5°	6.7	6.7	6.8	7.2	7.6	8.0	8.4	8.6	8.8	9.0	9.2
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7



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 CATALOG NUMBER: EPH-08-640L-40-70-1S-CV5-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	8.1	8.1	8.1	8.1	8.4	8.8	9.1	9.4	9.4	9.4	9.4
87.5°	6.4	6.1	5.7	5.4	5.1	4.7	4.4	4.0	4.0	4.0	4.0
85°	6.4	6.1	5.7	5.4	5.1	4.9	4.7	4.6	4.5	4.4	4.2
82.5°	6.4	6.1	5.8	5.4	5.3	5.4	5.4	5.4	5.1	4.7	4.4
80°	6.4	6.1	5.9	5.8	5.8	5.8	5.7	5.4	5.1	4.8	4.6
77.5°	6.5	6.4	6.4	6.5	6.5	6.2	6.1	6.1	6.0	5.9	5.7
75°	6.6	6.7	6.8	6.8	6.6	6.6	6.7	6.7	6.6	6.5	6.5
72.5°	6.9	7.1	7.1	6.9	6.7	6.7	6.7	6.7	7.5	8.7	9.8
70°	7.5	7.6	7.3	6.9	6.7	7.1	8.6	10.4	12.3	14.1	16.5
67.5°	8.0	7.7	7.3	7.2	8.3	10.0	12.1	17.0	23.0	25.5	26.6
65°	8.1	7.7	8.1	9.1	10.5	14.1	19.5	26.5	33.9	35.3	34.5
62.5°	8.2	8.4	9.3	11.2	14.2	18.9	25.8	33.5	42.1	42.2	36.8
60°	8.7	9.2	11.3	14.4	17.8	23.1	30.9	36.9	43.2	45.6	34.9
57.5°	9.4	10.8	14.0	17.7	22.0	25.8	30.1	35.9	38.4	38.3	28.3
55°	10.6	13.1	16.9	21.6	24.7	23.9	26.8	28.8	29.2	27.2	19.7
52.5°	12.8	15.5	20.4	24.4	25.0	22.6	21.0	22.0	20.7	17.6	15.3
50°	14.8	18.7	23.5	26.1	24.7	20.3	16.8	16.9	15.9	14.6	13.1
47.5°	17.1	21.5	26.2	27.3	22.7	19.4	16.3	15.0	14.4	13.8	12.6
45°	19.2	23.6	28.6	25.6	22.0	20.1	17.6	14.8	14.8	14.4	14.3
42.5°	21.1	25.2	27.3	24.0	23.5	22.1	20.0	17.3	16.2	16.8	17.2
40°	22.2	26.4	26.2	26.3	25.8	25.0	23.5	21.4	19.1	20.6	21.4
37.5°	23.0	26.2	27.0	30.0	29.1	28.8	27.8	28.0	26.5	25.7	28.9
35°	23.5	26.8	31.5	35.0	34.6	33.4	35.1	36.2	35.6	34.6	39.7
32.5°	24.2	28.2	37.2	41.0	42.3	41.6	43.7	45.8	48.0	50.7	58.8
30°	26.8	33.4	43.6	47.7	51.9	56.7	55.6	57.2	63.2	82.2	100.0
27.5°	32.0	40.2	50.0	56.7	64.1	75.3	77.8	74.8	93.1	123.5	155.2
25°	37.8	60.5	57.0	67.3	82.2	97.7	106.1	112.7	137.7	182.1	215.4
22.5°	49.3	87.3	86.9	78.9	102.8	123.6	143.8	188.3	251.5	271.7	278.3
20°	69.1	114.2	122.7	125.3	133.5	152.6	186.8	291.4	417.8	465.4	414.5
17.5°	92.3	143.6	162.2	182.5	207.5	213.2	242.3	415.5	624.8	696.4	696.7
15°	118.2	175.0	204.1	245.4	286.4	312.3	408.8	618.2	848.8	962.2	1027.0
12.5°	146.0	208.0	247.9	312.6	369.2	414.7	625.3	959.2	1173.7	1272.7	1461.6
10°	174.7	241.9	292.9	382.6	454.7	519.0	868.8	1323.2	1532.1	1629.0	1844.8
7.5°	203.2	273.5	336.8	454.0	541.5	624.2	1128.0	1699.1	1877.9	1964.2	2140.1
5°	230.7	301.6	371.6	508.1	610.1	710.3	1363.2	2073.7	2212.9	2282.6	2381.8
2.5°	256.0	328.2	404.9	556.8	665.2	764.7	1465.5	2238.1	2390.9	2495.4	2580.0
0°	277.9	353.1	436.4	601.5	717.0	815.0	1540.1	2373.9	2535.0	2659.9	2761.9
-2.5°	279.0	358.3	446.7	599.7	705.5	806.9	1468.9	2343.2	2584.5	2771.8	2924.8
-5°	276.3	361.4	454.3	593.9	691.1	794.8	1375.1	2269.5	2594.5	2794.0	2950.3
-7.5°	270.8	362.2	458.7	583.5	670.0	764.2	1293.1	2119.3	2477.2	2648.1	2814.0
-10°	263.6	360.2	452.1	559.2	639.5	722.1	1188.9	1944.6	2357.0	2503.8	2657.9
-12.5°	257.4	356.0	442.4	535.2	608.5	678.9	1052.6	1752.4	2237.8	2365.6	2488.7
-15°	250.0	350.4	431.4	512.9	577.8	635.3	882.4	1549.0	2121.4	2264.9	2360.1
-17.5°	242.2	343.7	419.6	493.3	548.1	592.0	680.9	1304.6	1927.5	2146.3	2257.7
-20°	234.4	336.0	407.2	477.5	520.1	561.4	621.0	1055.6	1625.2	2003.1	2145.3



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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°	227.1	327.4	395.0	461.3	505.1	541.8	589.4	813.3	1305.8	1841.2	2012.7
-25°	224.4	314.2	383.1	445.7	494.0	523.2	557.0	609.7	1010.9	1519.7	1863.6
-27.5°	223.6	303.2	369.1	429.2	485.3	507.4	533.3	573.4	779.0	1190.0	1679.9
-30°	220.2	287.5	353.6	412.0	468.5	498.5	514.8	546.5	601.6	917.4	1319.3
-32.5°	209.9	270.6	335.2	393.5	448.5	493.2	505.7	532.4	573.1	663.4	989.5
-35°	197.2	254.8	315.2	373.6	427.9	477.8	505.7	521.4	548.5	591.6	738.1
-37.5°	185.2	237.7	294.6	351.8	404.9	455.3	504.0	518.0	536.2	566.9	622.7
-40°	171.3	219.6	274.3	328.7	380.0	429.9	477.8	518.5	529.5	560.5	599.5
-42.5°	155.4	202.1	253.4	304.2	352.2	401.1	449.4	494.9	537.5	558.8	589.0
-45°	137.8	182.3	231.3	276.8	321.5	369.4	416.5	463.8	518.9	568.4	588.6
-47.5°	118.8	160.7	206.4	247.3	289.0	333.4	380.5	430.4	485.8	540.6	597.3
-50°	99.3	138.0	177.8	216.5	254.8	295.4	338.8	391.3	444.2	499.0	553.9
-52.5°	81.4	113.8	149.4	185.0	220.3	255.9	297.5	345.0	395.9	448.5	497.3
-55°	62.4	91.3	120.3	153.2	186.1	217.9	254.6	297.5	341.6	390.1	434.2
-57.5°	48.5	68.6	93.7	120.6	151.0	181.7	215.2	249.5	288.7	329.4	365.9
-60°	37.5	50.5	68.6	91.3	114.7	143.8	175.2	206.5	238.1	268.0	299.2
-62.5°	27.6	38.0	49.4	63.9	84.2	105.8	132.7	161.3	190.1	215.5	238.2
-65°	24.9	27.7	35.7	45.8	55.4	74.5	94.7	114.9	139.7	162.0	182.7
-67.5°	22.1	24.7	27.2	31.2	40.1	50.1	60.4	78.1	95.8	111.2	126.6
-70°	20.2	21.7	23.8	26.1	28.5	33.1	41.9	50.9	60.0	70.7	84.2
-72.5°	18.5	19.8	21.2	22.5	24.6	27.1	29.7	32.3	37.6	44.8	52.2
-75°	17.0	18.0	19.1	20.3	21.6	23.1	24.8	27.0	29.1	30.9	32.6
-77.5°	15.7	16.4	17.2	18.1	19.2	20.3	21.5	22.8	24.1	25.5	27.0
-80°	14.1	14.8	15.3	15.9	16.6	17.4	18.2	19.1	19.8	20.5	21.3
-82.5°	12.3	12.7	13.2	13.6	14.1	14.5	14.9	15.4	15.7	15.9	16.2
-85°	10.5	10.7	11.0	11.3	11.6	11.9	12.1	12.4	12.3	12.2	12.1
-87.5°	9.3	9.4	9.5	9.6	9.8	10.0	10.2	10.3	10.1	9.9	9.7
-90°	6.4	6.1	5.7	5.4	5.1	4.7	4.4	4.0	4.0	4.0	4.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	9.4	9.4	9.4	9.4	9.4	13.1	16.8	20.5	24.2	33.2	42.3
87.5°	4.0	3.7	3.4	3.0	2.7	2.4	2.0	1.7	1.3	1.3	1.3
85°	4.0	3.7	3.4	3.0	2.7	2.6	2.6	2.6	2.6	2.3	2.0
82.5°	4.0	3.9	3.7	3.7	3.6	3.5	3.2	3.0	2.7	2.4	2.0
80°	4.4	4.4	4.3	4.2	4.0	3.7	3.4	3.1	2.7	2.7	2.7
77.5°	5.6	5.4	5.0	4.6	4.1	3.9	3.8	3.8	3.8	3.6	3.3
75°	6.6	6.5	6.4	6.0	5.4	5.3	5.3	5.3	5.2	4.9	4.6
72.5°	10.6	10.8	10.3	9.9	9.2	8.8	8.9	8.8	8.6	8.5	8.4
70°	17.8	18.0	17.4	16.1	14.1	12.7	12.1	11.5	10.7	10.8	11.5
67.5°	25.7	23.9	22.1	19.9	16.9	14.8	13.7	12.6	11.3	10.6	10.4
65°	31.2	24.7	21.1	18.6	17.0	15.4	13.6	12.0	10.5	9.6	9.1
62.5°	29.7	21.1	17.3	15.5	14.1	13.0	11.3	9.7	8.4	7.5	7.5
60°	25.5	17.6	13.5	12.1	10.7	9.5	8.6	7.8	7.1	6.8	7.2
57.5°	19.9	13.8	10.6	10.1	9.4	8.5	8.0	7.7	7.2	6.7	7.1
55°	14.5	12.1	10.8	10.4	10.0	9.6	9.1	8.5	8.0	7.6	7.9
52.5°	12.6	11.9	11.8	11.6	10.9	10.1	9.4	9.2	9.1	8.9	9.1
50°	12.3	12.2	12.2	11.9	11.2	10.8	10.6	10.5	10.4	10.3	10.3
47.5°	12.6	12.8	12.8	12.2	12.0	12.2	12.1	12.0	12.2	12.3	12.5
45°	13.8	14.2	14.4	14.6	14.2	14.6	14.7	14.6	16.8	17.0	16.0
42.5°	16.8	18.6	19.9	19.4	17.7	21.3	26.5	28.9	26.5	23.1	20.8
40°	23.9	26.1	27.0	28.9	35.9	41.3	36.4	31.3	29.2	31.0	32.5
37.5°	33.4	36.4	44.9	55.7	51.8	42.2	43.2	43.6	42.7	45.5	45.8
35°	48.8	62.7	73.0	69.7	64.8	63.9	66.2	66.9	60.5	63.4	64.4
32.5°	78.3	95.1	95.9	91.6	94.0	94.5	101.1	96.6	91.1	93.8	101.3
30°	113.0	129.7	135.8	128.0	113.8	121.8	128.5	126.5	130.4	141.9	154.0
27.5°	167.4	178.2	188.2	172.6	144.4	156.8	161.6	156.7	183.5	197.9	226.5
25°	232.2	244.5	252.3	239.2	219.7	209.7	224.9	236.4	269.0	301.0	345.7
22.5°	302.8	335.6	345.0	310.9	310.9	310.8	316.7	355.6	399.6	469.8	587.8
20°	385.1	450.3	502.4	468.0	423.7	453.6	490.6	538.3	663.6	982.4	1344.7
17.5°	676.6	630.9	726.9	730.1	666.4	736.1	869.0	1040.1	1568.9	3195.2	4261.2
15°	1151.3	1103.1	1043.3	1046.5	1109.4	1246.2	1518.1	2465.1	4801.0	8271.9	11859.0
12.5°	1636.0	1563.7	1475.7	1452.4	1589.7	1865.3	3148.1	7044.7	12545.0	18534.8	33899.8
10°	2018.4	1979.9	1898.8	1959.3	2188.7	2998.0	5621.4	12379.7	23729.7	43573.7	68059.2
7.5°	2242.8	2228.1	2249.9	2427.7	2801.6	4932.3	10700.4	20746.4	39449.7	69520.9	113633.7
5°	2468.0	2480.3	2546.6	2791.1	3269.7	6273.8	15102.3	28829.7	57120.4	101323.2	169635.1
2.5°	2717.6	2728.9	2818.0	3126.0	3673.5	6483.5	16150.0	33977.6	72423.6	130348.9	220900.9
0°	3004.9	2940.5	2967.3	3248.0	3813.2	7562.0	18637.9	37259.6	80154.6	142405.7	234763.9
-2.5°	3106.9	2969.1	2943.8	3180.9	3676.4	6701.3	16649.0	34647.9	73620.3	130461.4	218909.9
-5°	3037.8	2849.3	2773.9	2967.8	3438.2	5876.1	13999.1	31527.1	65363.5	111603.4	185495.7
-7.5°	2865.7	2685.0	2573.9	2719.8	3130.5	4842.0	10723.2	23874.4	47577.1	82574.4	131771.8
-10°	2718.0	2544.8	2375.5	2422.3	2706.7	3604.2	6675.7	15638.1	31433.5	55740.0	83776.9
-12.5°	2590.2	2445.1	2191.5	2114.5	2273.8	2695.0	4659.2	10658.8	20106.4	31619.4	51272.7
-15°	2457.9	2339.0	2085.7	1963.9	2020.7	2225.9	2757.9	5119.6	11009.3	18739.9	27206.3
-17.5°	2311.2	2229.6	2077.3	1897.2	1820.2	1902.7	2156.9	2886.2	4892.5	9710.4	14989.5
-20°	2211.7	2166.4	2054.6	1896.5	1797.6	1759.4	1847.6	2071.0	2563.7	4410.2	6684.5



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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°	2087.3	2068.4	1993.0	1947.8	1875.4	1793.6	1716.2	1785.5	1949.0	2200.7	2986.6
-25°	1969.5	1974.1	1979.0	2038.6	2027.0	1912.7	1766.0	1660.9	1716.0	1794.9	1954.0
-27.5°	1839.2	1903.9	2004.3	2116.4	2168.5	2071.8	1898.9	1741.5	1694.6	1648.4	1715.7
-30°	1724.7	1856.5	1964.0	2100.9	2190.8	2161.9	2072.8	1966.6	1851.7	1771.7	1745.5
-32.5°	1429.3	1794.5	1894.0	2004.1	2138.2	2180.8	2170.7	2129.9	2080.7	2024.4	1966.1
-35°	1110.8	1516.3	1849.9	1913.2	2000.8	2127.3	2226.8	2233.7	2227.4	2206.7	2191.0
-37.5°	784.5	1170.4	1521.9	1804.1	1909.2	1993.4	2145.8	2262.3	2328.5	2323.3	2324.9
-40°	651.5	757.8	1111.3	1437.4	1679.2	1904.5	2026.1	2178.5	2299.7	2349.1	2386.7
-42.5°	628.5	669.6	711.9	956.6	1267.7	1540.4	1750.1	1943.6	2114.7	2236.7	2333.6
-45°	612.3	640.2	672.2	712.8	756.6	1000.2	1271.1	1523.1	1687.7	1852.4	2024.3
-47.5°	611.6	618.5	641.1	669.7	697.6	737.1	782.3	843.8	1026.0	1191.4	1366.2
-50°	593.3	621.0	628.6	637.3	655.2	676.9	698.2	720.3	741.1	754.2	772.0
-52.5°	539.4	575.2	608.6	634.7	641.5	648.1	654.2	668.6	682.5	694.0	707.2
-55°	474.2	512.1	548.9	579.0	606.0	631.5	650.6	653.7	657.9	662.9	670.9
-57.5°	403.7	440.5	475.4	506.9	536.4	564.0	583.8	598.5	612.3	625.4	642.3
-60°	331.1	363.6	395.5	425.9	455.1	482.9	501.1	516.1	529.1	541.9	559.4
-62.5°	260.0	284.9	313.7	341.2	366.5	390.4	409.3	425.4	438.7	452.2	468.4
-65°	202.2	220.7	242.0	262.1	280.8	302.9	323.3	340.1	353.5	366.7	381.2
-67.5°	144.3	161.5	181.4	200.0	217.4	234.3	251.4	267.5	282.5	297.5	312.6
-70°	96.4	108.6	123.0	138.8	155.2	170.4	185.1	199.2	212.6	226.0	238.9
-72.5°	59.8	67.4	75.4	85.9	96.9	107.6	118.0	128.5	138.7	150.8	162.8
-75°	34.1	37.1	43.2	49.0	54.6	59.8	64.3	68.1	71.3	78.4	86.2
-77.5°	28.6	30.1	31.7	33.3	34.9	37.1	39.6	42.1	44.7	50.4	56.7
-80°	22.3	23.3	24.4	25.6	26.8	28.5	30.2	31.8	33.3	37.5	42.0
-82.5°	16.5	16.9	17.4	17.8	18.2	19.5	20.9	22.2	23.5	26.9	30.5
-85°	12.0	12.1	12.3	12.5	12.6	13.8	14.9	16.1	17.2	20.6	24.0
-87.5°	9.4	9.4	9.4	9.4	9.4	10.6	11.7	12.8	13.8	17.5	21.1
-90°	4.0	3.7	3.4	3.0	2.7	2.4	2.0	1.7	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°	51.3	60.4	51.0	41.6	51.0	60.4	51.3	42.3	33.2	24.2	20.5
87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7
85°	1.6	1.3	1.3	1.3	1.3	1.3	1.6	2.0	2.3	2.6	2.6
82.5°	1.7	1.3	2.0	2.7	2.0	1.3	1.7	2.0	2.4	2.7	3.0
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	3.1
77.5°	3.0	2.7	2.7	2.7	2.7	2.7	3.0	3.3	3.6	3.8	3.8
75°	4.3	4.0	4.0	4.0	4.0	4.0	4.3	4.6	4.9	5.2	5.3
72.5°	8.2	8.0	8.1	8.1	8.1	8.0	8.2	8.4	8.5	8.6	8.8
70°	12.3	13.1	13.4	13.4	13.4	13.1	12.3	11.5	10.8	10.7	11.5
67.5°	10.0	9.6	9.4	9.4	9.4	9.6	10.0	10.4	10.6	11.3	12.6
65°	8.6	8.2	8.1	8.1	8.1	8.2	8.6	9.1	9.6	10.5	12.0
62.5°	7.7	8.0	8.1	8.1	8.1	8.0	7.7	7.5	7.5	8.4	9.7
60°	7.6	8.0	8.1	8.1	8.1	8.0	7.6	7.2	6.8	7.1	7.8
57.5°	7.6	8.0	8.1	8.1	8.1	8.0	7.6	7.1	6.7	7.2	7.7
55°	8.0	8.1	8.6	9.4	8.6	8.1	8.0	7.9	7.6	8.0	8.5
52.5°	9.2	9.3	9.4	9.4	9.4	9.3	9.2	9.1	8.9	9.1	9.2
50°	10.5	10.6	10.7	10.7	10.7	10.6	10.5	10.3	10.3	10.4	10.5
47.5°	12.9	13.2	13.3	13.4	13.3	13.2	12.9	12.5	12.3	12.2	12.0
45°	16.2	16.1	16.0	16.1	16.0	16.1	16.2	16.0	17.0	16.8	14.6
42.5°	21.6	22.2	22.6	22.8	22.6	22.2	21.6	20.8	23.1	26.5	28.9
40°	34.1	34.6	34.3	33.6	34.3	34.6	34.1	32.5	31.0	29.2	31.3
37.5°	46.4	47.3	47.9	48.3	47.9	47.3	46.4	45.8	45.5	42.7	43.6
35°	65.1	65.8	65.4	67.1	65.4	65.8	65.1	64.4	63.4	60.5	66.9
32.5°	106.1	106.7	103.4	104.7	103.4	106.7	106.1	101.3	93.8	91.1	96.6
30°	162.5	170.0	174.5	179.9	174.5	170.0	162.5	154.0	141.9	130.4	126.5
27.5°	247.4	265.7	277.7	284.7	277.7	265.7	247.4	226.5	197.9	183.5	156.7
25°	386.4	414.2	429.0	440.4	429.0	414.2	386.4	345.7	301.0	269.0	236.4
22.5°	750.4	856.6	915.9	972.1	915.9	856.6	750.4	587.8	469.8	399.6	355.6
20°	1924.3	2048.3	2281.8	2426.2	2281.8	2048.3	1924.3	1344.7	982.4	663.6	538.3
17.5°	6482.3	8264.3	8597.0	8848.3	8597.0	8264.3	6482.3	4261.2	3195.2	1568.9	1040.1
15°	19304.4	24593.3	26016.8	27228.4	26016.8	24593.3	19304.4	11859.0	8271.9	4801.0	2465.1
12.5°	46609.0	61165.8	69083.4	75098.7	69083.4	61165.8	46609.0	33899.8	18534.8	12545.0	7044.7
10°	97652.6	126151.5	147782.2	160309.1	147782.2	126151.5	97652.6	68059.2	43573.7	23729.7	12379.7
7.5°	166298.5	214601.7	242837.7	257210.4	242837.7	214601.7	166298.5	113633.7	69520.9	39449.7	20746.4
5°	250824.9	313179.5	352586.0	374254.6	352586.0	313179.5	250824.9	169635.1	101323.2	57120.4	28829.7
2.5°	313304.1	393299.0	452368.3	480153.3	452368.3	393299.0	313304.1	220900.9	130348.9	72423.6	33977.6
0°	335926.9	419853.7	487378.9	527831.5	487378.9	419853.7	335926.9	234763.9	142405.7	80154.6	37259.6
-2.5°	314330.7	393119.8	445712.7	470186.5	445712.7	393119.8	314330.7	218909.9	130461.4	73620.3	34647.9
-5°	267293.6	335412.4	373206.9	389205.5	373206.9	335412.4	267293.6	185495.7	111603.4	65363.5	31527.1
-7.5°	189640.0	241601.5	268165.1	283923.8	268165.1	241601.5	189640.0	131771.8	82574.4	47577.1	23874.4
-10°	119396.8	148607.4	174017.1	185511.4	174017.1	148607.4	119396.8	83776.9	55740.0	31433.5	15638.1
-12.5°	69339.4	87833.0	102700.6	109016.3	102700.6	87833.0	69339.4	51272.7	31619.4	20106.4	10658.8
-15°	38318.9	48425.2	55270.3	57947.8	55270.3	48425.2	38318.9	27206.3	18739.9	11009.3	5119.6
-17.5°	21308.3	26212.3	28157.9	31278.0	28157.9	26212.3	21308.3	14989.5	9710.4	4892.5	2886.2
-20°	10439.1	12982.0	13797.3	15998.1	13797.3	12982.0	10439.1	6684.5	4410.2	2563.7	2071.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	4054.9	4655.1	4788.9	5832.6	4788.9	4655.1	4054.9	2986.6	2200.7	1949.0	1785.5
-25°	2105.8	2207.0	2254.0	2376.6	2254.0	2207.0	2105.8	1954.0	1794.9	1716.0	1660.9
-27.5°	1770.2	1819.2	1858.3	1917.4	1858.3	1819.2	1770.2	1715.7	1648.4	1694.6	1741.5
-30°	1725.3	1716.7	1717.8	1724.0	1717.8	1716.7	1725.3	1745.5	1771.7	1851.7	1966.6
-32.5°	1919.6	1889.8	1875.0	1819.3	1875.0	1889.8	1919.6	1966.1	2024.4	2080.7	2129.9
-35°	2181.6	2179.1	2180.9	2155.0	2180.9	2179.1	2181.6	2191.0	2206.7	2227.4	2233.7
-37.5°	2325.6	2329.7	2334.9	2326.9	2334.9	2329.7	2325.6	2324.9	2323.3	2328.5	2262.3
-40°	2399.8	2412.0	2420.5	2418.2	2420.5	2412.0	2399.8	2386.7	2349.1	2299.7	2178.5
-42.5°	2382.0	2411.9	2426.6	2431.6	2426.6	2411.9	2382.0	2333.6	2236.7	2114.7	1943.6
-45°	2181.6	2303.9	2377.6	2398.0	2377.6	2303.9	2181.6	2024.3	1852.4	1687.7	1523.1
-47.5°	1562.8	1743.7	1913.4	2062.4	1913.4	1743.7	1562.8	1366.2	1191.4	1026.0	843.8
-50°	794.1	814.5	856.3	917.1	856.3	814.5	794.1	772.0	754.2	741.1	720.3
-52.5°	720.1	731.9	743.6	754.6	743.6	731.9	720.1	707.2	694.0	682.5	668.6
-55°	678.6	685.8	691.2	695.5	691.2	685.8	678.6	670.9	662.9	657.9	653.7
-57.5°	656.8	668.9	679.2	687.5	679.2	668.9	656.8	642.3	625.4	612.3	598.5
-60°	574.8	588.1	600.4	610.9	600.4	588.1	574.8	559.4	541.9	529.1	516.1
-62.5°	482.3	494.0	506.1	516.9	506.1	494.0	482.3	468.4	452.2	438.7	425.4
-65°	394.1	405.4	415.5	424.3	415.5	405.4	394.1	381.2	366.7	353.5	340.1
-67.5°	326.6	339.4	352.2	363.9	352.2	339.4	326.6	312.6	297.5	282.5	267.5
-70°	250.6	261.1	270.2	277.9	270.2	261.1	250.6	238.9	226.0	212.6	199.2
-72.5°	173.8	183.6	194.9	205.4	194.9	183.6	173.8	162.8	150.8	138.7	128.5
-75°	93.7	100.8	107.6	114.1	107.6	100.8	93.7	86.2	78.4	71.3	68.1
-77.5°	63.0	69.2	73.7	77.9	73.7	69.2	63.0	56.7	50.4	44.7	42.1
-80°	46.4	50.7	54.2	57.7	54.2	50.7	46.4	42.0	37.5	33.3	31.8
-82.5°	34.0	37.5	40.3	43.0	40.3	37.5	34.0	30.5	26.9	23.5	22.2
-85°	27.5	30.9	33.6	36.3	33.6	30.9	27.5	24.0	20.6	17.2	16.1
-87.5°	24.7	28.3	30.2	32.2	30.2	28.3	24.7	21.1	17.5	13.8	12.8
-90°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.7



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	16.8	13.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
87.5°	2.0	2.4	2.7	3.0	3.4	3.7	4.0	4.0	4.0	4.0	4.0
85°	2.6	2.6	2.7	3.0	3.4	3.7	4.0	4.2	4.4	4.5	4.6
82.5°	3.2	3.5	3.6	3.7	3.7	3.9	4.0	4.4	4.7	5.1	5.4
80°	3.4	3.7	4.0	4.2	4.3	4.4	4.4	4.6	4.8	5.1	5.4
77.5°	3.8	3.9	4.1	4.6	5.0	5.4	5.6	5.7	5.9	6.0	6.1
75°	5.3	5.3	5.4	6.0	6.4	6.5	6.6	6.5	6.5	6.6	6.7
72.5°	8.9	8.8	9.2	9.9	10.3	10.8	10.6	9.8	8.7	7.5	6.7
70°	12.1	12.7	14.1	16.1	17.4	18.0	17.8	16.5	14.1	12.3	10.4
67.5°	13.7	14.8	16.9	19.9	22.1	23.9	25.7	26.6	25.5	23.0	17.0
65°	13.6	15.4	17.0	18.6	21.1	24.7	31.2	34.5	35.3	33.9	26.5
62.5°	11.3	13.0	14.1	15.5	17.3	21.1	29.7	36.8	42.2	42.1	33.5
60°	8.6	9.5	10.7	12.1	13.5	17.6	25.5	34.9	45.6	43.2	36.9
57.5°	8.0	8.5	9.4	10.1	10.6	13.8	19.9	28.3	38.3	38.4	35.9
55°	9.1	9.6	10.0	10.4	10.8	12.1	14.5	19.7	27.2	29.2	28.8
52.5°	9.4	10.1	10.9	11.6	11.8	11.9	12.6	15.3	17.6	20.7	22.0
50°	10.6	10.8	11.2	11.9	12.2	12.2	12.3	13.1	14.6	15.9	16.9
47.5°	12.1	12.2	12.0	12.2	12.8	12.8	12.6	12.6	13.8	14.4	15.0
45°	14.7	14.6	14.2	14.6	14.4	14.2	13.8	14.3	14.4	14.8	14.8
42.5°	26.5	21.3	17.7	19.4	19.9	18.6	16.8	17.2	16.8	16.2	17.3
40°	36.4	41.3	35.9	28.9	27.0	26.1	23.9	21.4	20.6	19.1	21.4
37.5°	43.2	42.2	51.8	55.7	44.9	36.4	33.4	28.9	25.7	26.5	28.0
35°	66.2	63.9	64.8	69.7	73.0	62.7	48.8	39.7	34.6	35.6	36.2
32.5°	101.1	94.5	94.0	91.6	95.9	95.1	78.3	58.8	50.7	48.0	45.8
30°	128.5	121.8	113.8	128.0	135.8	129.7	113.0	100.0	82.2	63.2	57.2
27.5°	161.6	156.8	144.4	172.6	188.2	178.2	167.4	155.2	123.5	93.1	74.8
25°	224.9	209.7	219.7	239.2	252.3	244.5	232.2	215.4	182.1	137.7	112.7
22.5°	316.7	310.8	310.9	310.9	345.0	335.6	302.8	278.3	271.7	251.5	188.3
20°	490.6	453.6	423.7	468.0	502.4	450.3	385.1	414.5	465.4	417.8	291.4
17.5°	869.0	736.1	666.4	730.1	726.9	630.9	676.6	696.7	696.4	624.8	415.5
15°	1518.1	1246.2	1109.4	1046.5	1043.3	1103.1	1151.3	1027.0	962.2	848.8	618.2
12.5°	3148.1	1865.3	1589.7	1452.4	1475.7	1563.7	1636.0	1461.6	1272.7	1173.7	959.2
10°	5621.4	2998.0	2188.7	1959.3	1898.8	1979.9	2018.4	1844.8	1629.0	1532.1	1323.2
7.5°	10700.4	4932.3	2801.6	2427.7	2249.9	2228.1	2242.8	2140.1	1964.2	1877.9	1699.1
5°	15102.3	6273.8	3269.7	2791.1	2546.6	2480.3	2468.0	2381.8	2282.6	2212.9	2073.7
2.5°	16150.0	6483.5	3673.5	3126.0	2818.0	2728.9	2717.6	2580.0	2495.4	2390.9	2238.1
0°	18637.9	7562.0	3813.2	3248.0	2967.3	2940.5	3004.9	2761.9	2659.9	2535.0	2373.9
-2.5°	16649.0	6701.3	3676.4	3180.9	2943.8	2969.1	3106.9	2924.8	2771.8	2584.5	2343.2
-5°	13999.1	5876.1	3438.2	2967.8	2773.9	2849.3	3037.8	2950.3	2794.0	2594.5	2269.5
-7.5°	10723.2	4842.0	3130.5	2719.8	2573.9	2685.0	2865.7	2814.0	2648.1	2477.2	2119.3
-10°	6675.7	3604.2	2706.7	2422.3	2375.5	2544.8	2718.0	2657.9	2503.8	2357.0	1944.6
-12.5°	4659.2	2695.0	2273.8	2114.5	2191.5	2445.1	2590.2	2488.7	2365.6	2237.8	1752.4
-15°	2757.9	2225.9	2020.7	1963.9	2085.7	2339.0	2457.9	2360.1	2264.9	2121.4	1549.0
-17.5°	2156.9	1902.7	1820.2	1897.2	2077.3	2229.6	2311.2	2257.7	2146.3	1927.5	1304.6
-20°	1847.6	1759.4	1797.6	1896.5	2054.6	2166.4	2211.7	2145.3	2003.1	1625.2	1055.6



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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°	1716.2	1793.6	1875.4	1947.8	1993.0	2068.4	2087.3	2012.7	1841.2	1305.8	813.3
-25°	1766.0	1912.7	2027.0	2038.6	1979.0	1974.1	1969.5	1863.6	1519.7	1010.9	609.7
-27.5°	1898.9	2071.8	2168.5	2116.4	2004.3	1903.9	1839.2	1679.9	1190.0	779.0	573.4
-30°	2072.8	2161.9	2190.8	2100.9	1964.0	1856.5	1724.7	1319.3	917.4	601.6	546.5
-32.5°	2170.7	2180.8	2138.2	2004.1	1894.0	1794.5	1429.3	989.5	663.4	573.1	532.4
-35°	2226.8	2127.3	2000.8	1913.2	1849.9	1516.3	1110.8	738.1	591.6	548.5	521.4
-37.5°	2145.8	1993.4	1909.2	1804.1	1521.9	1170.4	784.5	622.7	566.9	536.2	518.0
-40°	2026.1	1904.5	1679.2	1437.4	1111.3	757.8	651.5	599.5	560.5	529.5	518.5
-42.5°	1750.1	1540.4	1267.7	956.6	711.9	669.6	628.5	589.0	558.8	537.5	494.9
-45°	1271.1	1000.2	756.6	712.8	672.2	640.2	612.3	588.6	568.4	518.9	463.8
-47.5°	782.3	737.1	697.6	669.7	641.1	618.5	611.6	597.3	540.6	485.8	430.4
-50°	698.2	676.9	655.2	637.3	628.6	621.0	593.3	553.9	499.0	444.2	391.3
-52.5°	654.2	648.1	641.5	634.7	608.6	575.2	539.4	497.3	448.5	395.9	345.0
-55°	650.6	631.5	606.0	579.0	548.9	512.1	474.2	434.2	390.1	341.6	297.5
-57.5°	583.8	564.0	536.4	506.9	475.4	440.5	403.7	365.9	329.4	288.7	249.5
-60°	501.1	482.9	455.1	425.9	395.5	363.6	331.1	299.2	268.0	238.1	206.5
-62.5°	409.3	390.4	366.5	341.2	313.7	284.9	260.0	238.2	215.5	190.1	161.3
-65°	323.3	302.9	280.8	262.1	242.0	220.7	202.2	182.7	162.0	139.7	114.9
-67.5°	251.4	234.3	217.4	200.0	181.4	161.5	144.3	126.6	111.2	95.8	78.1
-70°	185.1	170.4	155.2	138.8	123.0	108.6	96.4	84.2	70.7	60.0	50.9
-72.5°	118.0	107.6	96.9	85.9	75.4	67.4	59.8	52.2	44.8	37.6	32.3
-75°	64.3	59.8	54.6	49.0	43.2	37.1	34.1	32.6	30.9	29.1	27.0
-77.5°	39.6	37.1	34.9	33.3	31.7	30.1	28.6	27.0	25.5	24.1	22.8
-80°	30.2	28.5	26.8	25.6	24.4	23.3	22.3	21.3	20.5	19.8	19.1
-82.5°	20.9	19.5	18.2	17.8	17.4	16.9	16.5	16.2	15.9	15.7	15.4
-85°	14.9	13.8	12.6	12.5	12.3	12.1	12.0	12.1	12.2	12.3	12.4
-87.5°	11.7	10.6	9.4	9.4	9.4	9.4	9.4	9.7	9.9	10.1	10.3
-90°	2.0	2.4	2.7	3.0	3.4	3.7	4.0	4.0	4.0	4.0	4.0



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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°	9.1	8.8	8.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
87.5°	4.4	4.7	5.1	5.4	5.7	6.1	6.4	6.7	6.7	6.7	6.7
85°	4.7	4.9	5.1	5.4	5.7	6.1	6.4	6.7	6.7	6.7	6.7
82.5°	5.4	5.4	5.3	5.4	5.8	6.1	6.4	6.7	6.7	6.7	6.7
80°	5.7	5.8	5.8	5.8	5.9	6.1	6.4	6.7	6.7	6.7	6.7
77.5°	6.1	6.2	6.5	6.5	6.4	6.4	6.5	6.7	6.7	6.7	6.7
75°	6.7	6.6	6.6	6.8	6.8	6.7	6.6	6.8	6.8	6.7	6.7
72.5°	6.7	6.7	6.7	6.9	7.1	7.1	6.9	6.8	7.0	7.0	6.8
70°	8.6	7.1	6.7	6.9	7.3	7.6	7.5	7.3	7.2	7.3	7.1
67.5°	12.1	10.0	8.3	7.2	7.3	7.7	8.0	7.9	7.8	7.6	7.5
65°	19.5	14.1	10.5	9.1	8.1	7.7	8.1	8.4	8.3	8.1	7.9
62.5°	25.8	18.9	14.2	11.2	9.3	8.4	8.2	8.6	8.8	8.5	8.3
60°	30.9	23.1	17.8	14.4	11.3	9.2	8.7	8.8	9.1	9.0	8.7
57.5°	30.1	25.8	22.0	17.7	14.0	10.8	9.4	9.4	9.4	9.4	9.1
55°	26.8	23.9	24.7	21.6	16.9	13.1	10.6	10.0	9.8	9.8	9.6
52.5°	21.0	22.6	25.0	24.4	20.4	15.5	12.8	10.6	10.4	10.2	10.1
50°	16.8	20.3	24.7	26.1	23.5	18.7	14.8	12.3	11.0	10.7	10.7
47.5°	16.3	19.4	22.7	27.3	26.2	21.5	17.1	13.9	11.6	11.2	11.4
45°	17.6	20.1	22.0	25.6	28.6	23.6	19.2	15.5	12.9	12.0	12.2
42.5°	20.0	22.1	23.5	24.0	27.3	25.2	21.1	17.1	14.2	12.9	13.0
40°	23.5	25.0	25.8	26.3	26.2	26.4	22.2	18.5	15.5	14.1	13.9
37.5°	27.8	28.8	29.1	30.0	27.0	26.2	23.0	19.6	17.2	15.6	14.8
35°	35.1	33.4	34.6	35.0	31.5	26.8	23.5	20.4	19.1	17.1	15.8
32.5°	43.7	41.6	42.3	41.0	37.2	28.2	24.2	22.7	21.2	18.6	16.8
30°	55.6	56.7	51.9	47.7	43.6	33.4	26.8	25.2	23.5	20.1	17.9
27.5°	77.8	75.3	64.1	56.7	50.0	40.2	32.0	28.0	25.9	21.7	19.2
25°	106.1	97.7	82.2	67.3	57.0	60.5	37.8	31.2	28.3	23.6	20.4
22.5°	143.8	123.6	102.8	78.9	86.9	87.3	49.3	36.0	30.9	25.6	21.5
20°	186.8	152.6	133.5	125.3	122.7	114.2	69.1	41.1	33.5	27.7	22.7
17.5°	242.3	213.2	207.5	182.5	162.2	143.6	92.3	46.6	36.3	29.7	23.8
15°	408.8	312.3	286.4	245.4	204.1	175.0	118.2	52.2	39.1	31.7	24.2
12.5°	625.3	414.7	369.2	312.6	247.9	208.0	146.0	57.9	41.9	32.6	23.9
10°	868.8	519.0	454.7	382.6	292.9	241.9	174.7	63.3	43.3	32.6	23.5
7.5°	1128.0	624.2	541.5	454.0	336.8	273.5	203.2	68.3	44.4	32.4	23.1
5°	1363.2	710.3	610.1	508.1	371.6	301.6	230.7	73.2	45.4	32.1	22.6
2.5°	1465.5	764.7	665.2	556.8	404.9	328.2	256.0	77.8	46.3	31.6	22.1
0°	1540.1	815.0	717.0	601.5	436.4	353.1	277.9	81.9	47.0	30.9	21.5
-2.5°	1468.9	806.9	705.5	599.7	446.7	358.3	279.0	94.7	56.3	36.4	23.8
-5°	1375.1	794.8	691.1	593.9	454.3	361.4	276.3	106.5	65.1	41.6	25.9
-7.5°	1293.1	764.2	670.0	583.5	458.7	362.2	270.8	117.3	73.2	46.4	27.9
-10°	1188.9	722.1	639.5	559.2	452.1	360.2	263.6	126.8	80.5	50.6	29.5
-12.5°	1052.6	678.9	608.5	535.2	442.4	356.0	257.4	135.9	86.9	54.0	30.9
-15°	882.4	635.3	577.8	512.9	431.4	350.4	250.0	143.8	93.6	57.5	31.8
-17.5°	680.9	592.0	548.1	493.3	419.6	343.7	242.2	149.9	99.1	61.2	33.4
-20°	621.0	561.4	520.1	477.5	407.2	336.0	234.4	154.2	103.5	63.9	35.1



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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°	589.4	541.8	505.1	461.3	395.0	327.4	227.1	156.5	106.5	65.5	36.0
-25°	557.0	523.2	494.0	445.7	383.1	314.2	224.4	156.7	108.2	65.8	36.1
-27.5°	533.3	507.4	485.3	429.2	369.1	303.2	223.6	158.0	108.5	64.9	35.4
-30°	514.8	498.5	468.5	412.0	353.6	287.5	220.2	157.6	107.3	63.7	33.7
-32.5°	505.7	493.2	448.5	393.5	335.2	270.6	209.9	155.4	104.2	61.7	32.7
-35°	505.7	477.8	427.9	373.6	315.2	254.8	197.2	151.2	99.3	58.4	31.6
-37.5°	504.0	455.3	404.9	351.8	294.6	237.7	185.2	139.8	92.6	53.6	29.9
-40°	477.8	429.9	380.0	328.7	274.3	219.6	171.3	126.6	85.5	47.5	27.6
-42.5°	449.4	401.1	352.2	304.2	253.4	202.1	155.4	112.1	75.0	42.9	24.7
-45°	416.5	369.4	321.5	276.8	231.3	182.3	137.8	96.7	63.3	38.8	22.4
-47.5°	380.5	333.4	289.0	247.3	206.4	160.7	118.8	82.6	50.9	33.8	21.6
-50°	338.8	295.4	254.8	216.5	177.8	138.0	99.3	67.5	43.8	27.6	20.7
-52.5°	297.5	255.9	220.3	185.0	149.4	113.8	81.4	52.3	36.3	24.5	19.5
-55°	254.6	217.9	186.1	153.2	120.3	91.3	62.4	43.3	28.4	22.8	18.3
-57.5°	215.2	181.7	151.0	120.6	93.7	68.6	48.5	33.9	24.9	20.9	17.6
-60°	175.2	143.8	114.7	91.3	68.6	50.5	37.5	26.6	22.8	19.2	16.7
-62.5°	132.7	105.8	84.2	63.9	49.4	38.0	27.6	24.2	20.7	18.1	15.7
-65°	94.7	74.5	55.4	45.8	35.7	27.7	24.9	21.7	19.2	17.0	14.8
-67.5°	60.4	50.1	40.1	31.2	27.2	24.7	22.1	19.9	17.9	15.8	14.2
-70°	41.9	33.1	28.5	26.1	23.8	21.7	20.2	18.4	16.5	15.0	13.5
-72.5°	29.7	27.1	24.6	22.5	21.2	19.8	18.5	17.0	15.6	14.2	12.8
-75°	24.8	23.1	21.6	20.3	19.1	18.0	17.0	16.0	14.7	13.4	12.0
-77.5°	21.5	20.3	19.2	18.1	17.2	16.4	15.7	14.9	13.6	12.3	11.2
-80°	18.2	17.4	16.6	15.9	15.3	14.8	14.1	13.4	12.3	11.2	10.3
-82.5°	14.9	14.5	14.1	13.6	13.2	12.7	12.3	11.8	10.9	10.1	9.5
-85°	12.1	11.9	11.6	11.3	11.0	10.7	10.5	10.3	9.8	9.4	9.1
-87.5°	10.2	10.0	9.8	9.6	9.5	9.4	9.3	9.2	9.0	8.8	8.6
-90°	4.4	4.7	5.1	5.4	5.7	6.1	6.4	6.7	6.7	6.7	6.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	8.1	7.8	7.4	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	6.8	6.7	6.7	6.7	6.7	6.7
75°	6.8	6.9	6.7	6.7	6.7	6.7	6.7
72.5°	6.8	7.1	7.0	6.7	6.7	6.7	6.7
70°	7.0	7.3	7.2	6.8	6.7	6.7	6.7
67.5°	7.4	7.5	7.5	7.0	6.7	6.7	6.7
65°	7.8	7.8	7.8	7.3	6.7	6.7	6.7
62.5°	8.2	8.1	8.1	7.6	6.7	6.7	6.7
60°	8.6	8.5	8.4	7.8	6.7	6.7	6.7
57.5°	9.0	8.8	8.7	8.1	6.9	6.7	6.7
55°	9.5	9.1	8.9	8.4	7.1	6.7	6.7
52.5°	10.0	9.5	9.2	8.7	7.2	6.7	6.7
50°	10.5	9.9	9.4	9.0	7.4	6.7	6.7
47.5°	11.0	10.3	9.7	9.3	7.5	6.7	6.7
45°	11.7	10.8	9.9	9.5	7.7	6.7	6.7
42.5°	12.3	11.3	10.2	9.6	7.8	6.7	6.7
40°	13.1	11.7	10.5	9.7	7.9	6.7	6.7
37.5°	13.8	12.2	10.8	9.8	8.0	6.7	6.7
35°	14.6	12.8	11.2	9.8	8.1	6.7	6.7
32.5°	15.5	13.4	11.6	9.8	8.1	6.7	6.7
30°	16.3	14.1	11.9	9.9	8.2	6.7	6.7
27.5°	17.2	14.7	12.0	9.9	8.2	6.7	6.7
25°	18.1	15.4	12.1	9.9	8.3	6.7	6.7
22.5°	18.9	15.8	12.1	9.9	8.3	6.7	6.7
20°	19.8	15.8	12.0	9.8	8.3	6.7	6.7
17.5°	20.0	15.6	11.9	9.8	8.3	6.7	6.7
15°	19.6	15.5	11.8	9.8	8.3	6.7	6.7
12.5°	19.2	15.2	11.7	9.7	8.3	6.7	6.7
10°	18.7	15.0	11.5	9.7	8.3	6.7	6.7
7.5°	18.1	14.6	11.4	9.6	8.2	6.7	6.7
5°	17.5	14.2	11.2	9.6	8.2	6.7	6.7
2.5°	16.8	13.8	10.9	9.5	8.2	6.7	6.7
0°	16.1	13.4	10.7	9.4	8.1	6.7	6.7
-2.5°	16.8	13.5	10.8	9.4	8.1	6.7	6.7
-5°	17.5	13.7	10.9	9.4	8.1	6.8	6.7
-7.5°	18.0	13.7	11.0	9.4	8.1	6.8	6.7
-10°	18.5	13.8	11.1	9.3	8.1	6.8	6.7
-12.5°	18.9	13.8	11.1	9.3	8.0	6.8	6.7
-15°	19.2	13.9	11.2	9.3	8.0	6.9	6.7
-17.5°	19.3	13.8	11.1	9.2	8.0	6.9	6.7
-20°	19.5	13.8	11.1	9.2	8.0	6.9	6.7



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	20.1	13.7	11.0	9.1	8.0	6.9	6.7
-25°	20.3	13.8	11.0	9.0	7.9	7.0	6.7
-27.5°	20.2	14.0	10.8	9.0	7.9	7.0	6.7
-30°	19.7	14.0	10.7	8.9	7.9	7.0	6.7
-32.5°	18.7	14.0	10.6	8.8	7.9	7.0	6.7
-35°	18.4	13.9	10.6	8.7	7.9	7.0	6.7
-37.5°	18.2	13.8	10.5	8.6	7.9	7.0	6.7
-40°	17.9	13.6	10.4	8.5	7.9	7.0	6.7
-42.5°	17.5	13.4	10.3	8.4	7.9	7.0	6.7
-45°	17.0	13.2	10.3	8.4	7.9	7.1	6.7
-47.5°	16.4	12.9	10.2	8.4	7.9	7.0	6.7
-50°	15.9	12.6	10.1	8.4	7.9	7.0	6.7
-52.5°	15.4	12.2	10.0	8.4	7.9	7.0	6.7
-55°	14.9	12.0	9.9	8.5	7.9	7.0	6.7
-57.5°	14.3	11.7	9.7	8.5	7.9	7.0	6.7
-60°	13.7	11.5	9.6	8.5	7.9	7.0	6.7
-62.5°	13.3	11.2	9.5	8.5	7.8	7.0	6.7
-65°	12.8	10.9	9.4	8.5	7.8	7.0	6.7
-67.5°	12.4	10.6	9.3	8.4	7.7	6.9	6.7
-70°	11.8	10.3	9.1	8.4	7.6	6.9	6.7
-72.5°	11.3	9.9	8.9	8.2	7.5	6.9	6.7
-75°	10.7	9.6	8.7	8.1	7.4	6.9	6.7
-77.5°	10.1	9.2	8.5	7.9	7.3	6.8	6.7
-80°	9.5	8.9	8.3	7.7	7.2	6.8	6.7
-82.5°	9.1	8.6	8.1	7.6	7.1	6.8	6.7
-85°	8.8	8.3	7.9	7.4	6.9	6.8	6.7
-87.5°	8.4	8.0	7.6	7.2	6.8	6.7	6.7
-90°	6.7	6.7	6.7	6.7	6.7	6.7	6.7

(END OF REPORT)