

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: P1306100 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-320N-57-70-4S-VHE-A**

Issue Date: 2/3/2026

Test Information

Test Method: LM-79-08
Report Number: P1306100 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2009-976-4)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHEBUS
Catalog Number: EPH-08-320N-57-70-4S-VHE-A
Description: EPHEBUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 5700K, 70 CRI LEDS AND 4S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

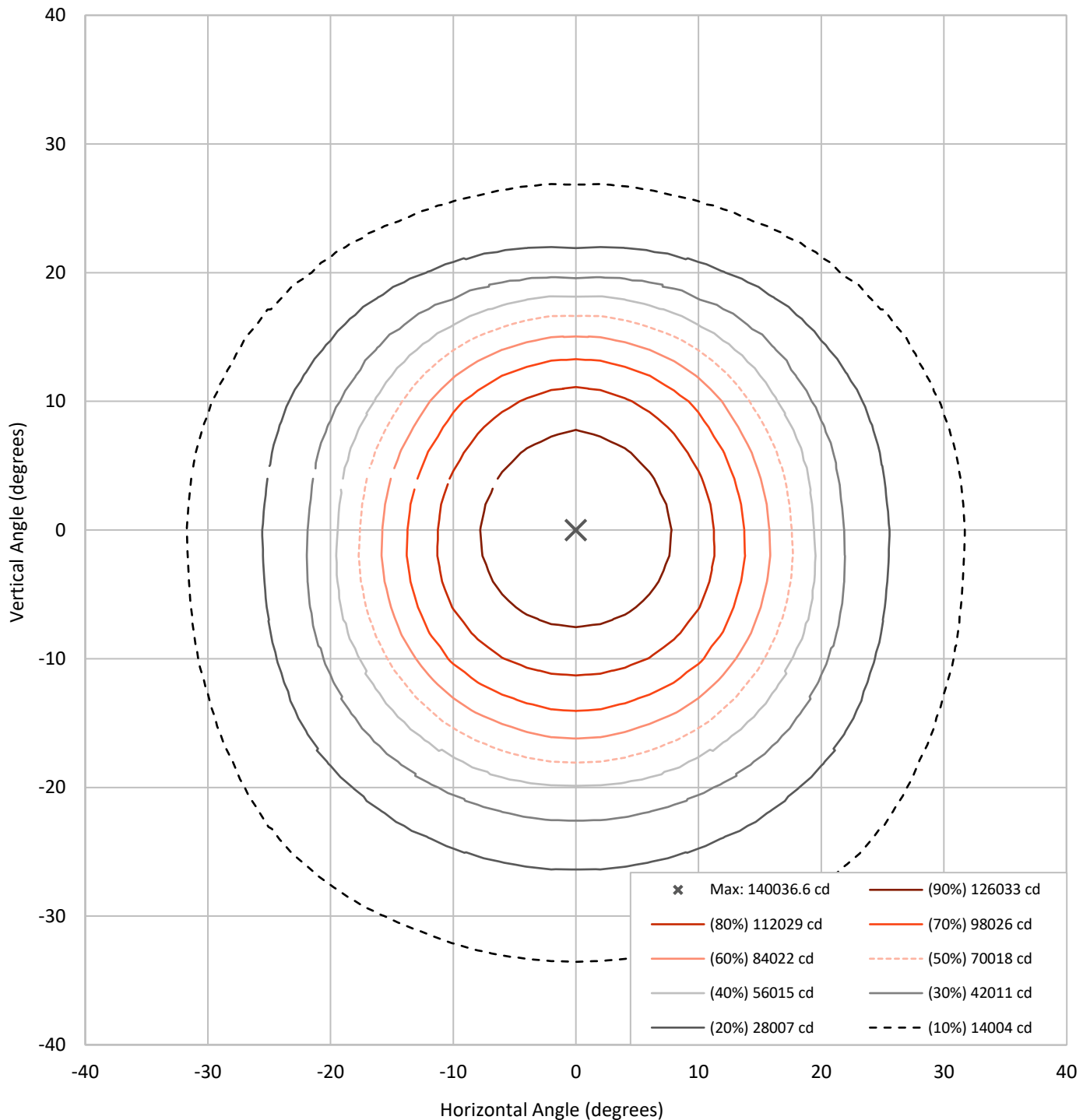
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	58090 lumens	Max Intensity:	140036.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	173.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		

Beam Angle (50%):	35.2°H x 34.7°V	Field Angle (10%):	63.4°H x 60.3°V
Beam Lumens:	31178.6 lumens	Field Lumens:	50737 lumens
Beam Efficiency:	53.7%	Field Efficiency:	87.3%

Input Watts (W): 334
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Iso-Candela Plot





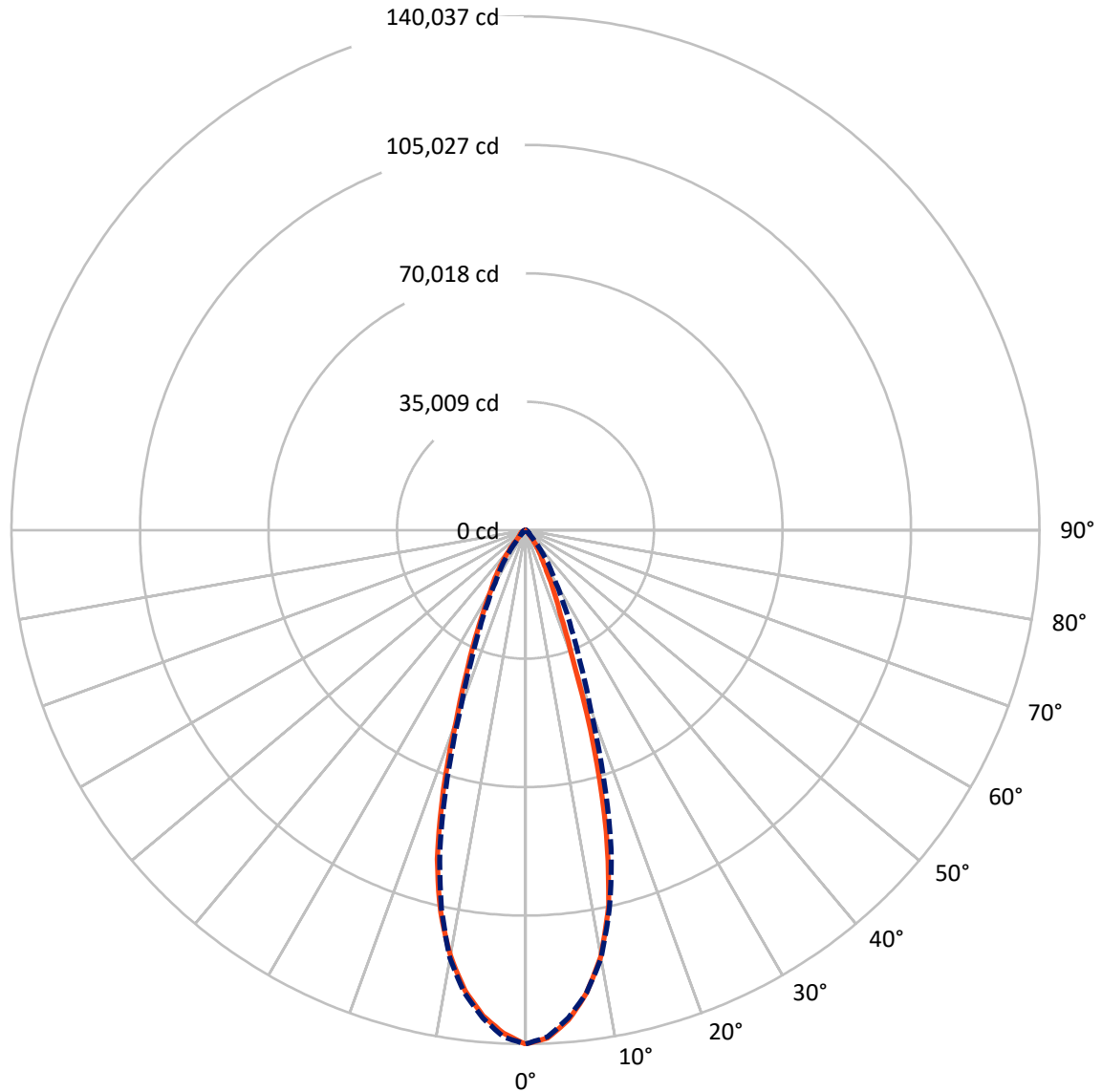
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Lumen Table

90	0.2	0.6		1.1		1.5		1.7		1.5		1.1		0.6		0.2
80	0.2	0.1	0.2	0.4	0.5	0.4	0.4	0.5	0.5	0.4	0.4	0.5	0.4	0.2	0.1	0.2
70	0.2	0.3	0.5	0.8	0.8	0.6	0.7	0.8	0.8	0.7	0.6	0.8	0.8	0.5	0.3	0.2
60		0.7	1.6	3.3	6.1	9.6	14.1	18.2	18.2	14.1	9.6	6.1	3.3	1.6	0.7	
50	0.6	1.7	5.5	10.5	17.4	40.1	89.7	145.3	145.3	89.7	40.1	17.4	10.5	5.5	1.7	0.6
40		3.0	9.2	17.9	56.1	172.5	376.3	570.6	570.6	376.3	172.5	56.1	17.9	9.2	3.0	
30	1.3	4.1	12.1	28.6	145.9	483.9	1293.0	2297.5	2297.5	1293.0	483.9	145.9	28.6	12.1	4.1	1.3
20		5.1	14.2	39.6	228.4	794.3	2350.9	3764.4	3764.4	2350.9	794.3	228.4	39.6	14.2	5.1	
10	1.9	5.7	15.8	44.3	244.8	834.2	2464.5	3794.2	3794.2	2464.5	834.2	244.8	44.3	15.8	5.7	1.9
0		5.8	16.7	40.8	195.4	616.2	1551.4	2548.8	2548.8	1551.4	616.2	195.4	40.8	16.7	5.8	
-10	2.1	5.4	16.6	35.0	107.5	342.2	671.9	970.3	970.3	671.9	342.2	107.5	35.0	16.6	5.4	2.1
-20		4.6	14.9	29.3	51.6	127.0	255.9	353.7	353.7	255.9	127.0	51.6	29.3	14.9	4.6	
-30	2.0	3.6	11.2	23.4	36.9	51.2	69.9	89.5	89.5	69.9	51.2	36.9	23.4	11.2	3.6	2.0
-40		2.7	7.0	15.2	26.3	35.4	42.8	48.0	48.0	42.8	35.4	26.3	15.2	7.0	2.7	
-50	1.7	2.0	4.1	7.7	13.2	18.7	23.8	27.1	27.1	23.8	18.7	13.2	7.7	4.1	2.0	1.7
-60		1.3	7.4		16.6		26.8		32.9		26.8		16.6		7.4	
-70	1.3	7.4		16.6		26.8		32.9		26.8		16.6		7.4		1.3
-80	1.3	7.4		16.6		26.8		32.9		26.8		16.6		7.4		1.3
-90	1.3	7.4		16.6		26.8		32.9		26.8		16.6		7.4		1.3

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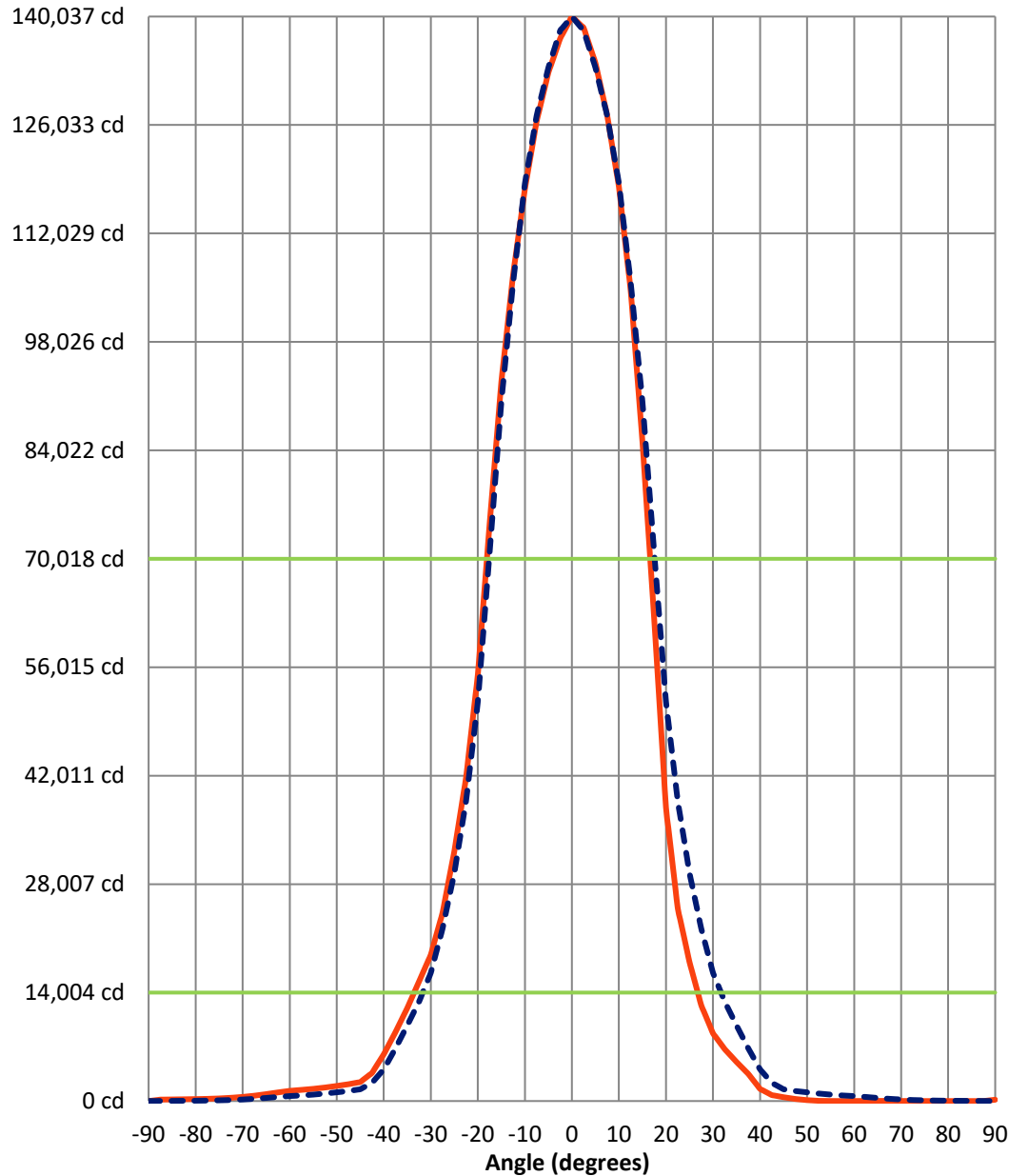
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 35.2°
 V Angle: 34.7°
 Lumens: 31178.6
 Efficiency: 53.7%

Field:
 H Angle: 63.4°
 V Angle: 60.3°
 Lumens: 50737
 Efficiency: 87.3%

Spill:
 Lumens: 7353
 Efficiency: 12.7%

— 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°	6.2	11.7	17.3	28.4	39.5	49.5	59.6	67.6	75.5	80.7	85.9
87.5°	6.2	5.6	4.9	5.0	5.0	5.0	5.0	4.7	4.4	4.4	4.5
85°	6.2	5.7	5.1	5.2	5.3	5.3	5.2	4.9	4.6	4.7	4.7
82.5°	6.2	5.9	5.2	5.3	5.5	5.5	5.4	5.1	4.9	5.0	5.0
80°	6.2	6.0	5.3	5.5	5.8	5.7	5.6	5.5	5.3	5.4	5.3
77.5°	6.2	6.1	5.5	5.7	6.0	6.0	5.9	5.9	5.8	5.8	5.6
75°	6.2	6.3	5.6	5.9	6.2	6.3	6.3	6.3	6.3	6.1	5.7
72.5°	6.2	6.4	5.8	6.1	6.5	6.6	6.7	6.7	6.6	6.3	5.8
70°	6.2	6.5	6.0	6.3	6.8	6.9	7.1	7.1	6.9	6.6	6.3
67.5°	6.2	6.7	6.1	6.5	7.0	7.2	7.6	7.5	7.3	7.2	7.0
65°	6.2	6.8	6.3	6.8	7.3	7.7	8.1	7.9	8.2	7.8	7.8
62.5°	6.2	6.9	6.5	7.1	7.6	8.3	8.7	8.9	9.1	8.6	9.4
60°	6.2	7.1	6.8	7.4	8.0	9.0	9.3	10.1	10.2	10.9	11.2
57.5°	6.2	7.2	7.1	7.7	8.7	9.7	10.6	11.4	12.7	13.6	15.1
55°	6.2	7.4	7.5	8.0	9.4	10.4	12.1	12.9	15.8	17.2	20.3
52.5°	6.2	7.5	8.0	8.3	10.3	11.3	13.6	16.0	19.1	23.2	25.9
50°	6.2	7.7	8.4	8.6	11.1	12.9	15.2	19.4	23.4	29.7	33.5
47.5°	6.2	7.8	8.9	9.0	12.0	14.5	17.1	22.9	29.8	36.5	42.2
45°	6.2	8.0	9.4	9.7	12.9	16.2	20.2	26.5	36.5	45.0	51.4
42.5°	6.2	8.1	9.9	10.4	13.9	18.0	23.5	31.7	43.5	53.9	66.4
40°	6.2	8.3	10.5	11.4	15.1	19.9	26.9	37.9	51.2	63.3	83.6
37.5°	6.2	8.4	11.1	12.6	16.5	21.8	30.4	44.4	60.1	75.4	102.3
35°	6.2	8.6	11.6	13.9	18.0	24.3	34.0	50.9	69.3	92.7	124.9
32.5°	6.2	8.7	12.2	15.1	19.5	27.2	38.1	57.4	78.9	110.4	150.7
30°	6.2	8.9	12.9	16.4	21.0	29.9	43.3	64.1	88.8	128.5	175.4
27.5°	6.2	9.0	13.5	17.6	23.0	32.7	48.5	71.4	99.7	146.8	198.7
25°	6.2	9.2	14.1	18.9	25.0	35.3	53.5	78.3	112.3	165.9	220.9
22.5°	6.2	9.3	14.8	20.2	27.0	38.1	58.3	84.9	124.0	180.7	243.6
20°	6.2	9.5	15.4	21.4	29.0	41.3	62.9	91.2	134.9	194.5	262.0
17.5°	6.2	9.6	16.0	22.6	30.9	44.4	67.6	97.1	145.0	207.3	279.1
15°	6.2	9.7	16.7	23.9	32.7	47.3	72.4	102.9	154.1	219.0	295.2
12.5°	6.2	9.9	17.3	25.1	34.5	50.2	76.8	108.9	163.3	229.7	310.2
10°	6.2	10.0	17.9	26.2	36.2	52.9	81.0	114.5	172.4	243.4	326.7
7.5°	6.2	10.1	18.5	27.4	37.9	55.5	84.8	119.6	180.6	257.0	347.8
5°	6.2	10.2	19.1	28.5	39.4	57.9	88.3	124.3	187.9	269.6	367.7
2.5°	6.2	10.3	19.6	29.5	40.9	60.2	91.4	128.6	194.2	281.0	386.1
0°	6.2	10.4	20.1	30.5	42.3	62.3	94.2	132.3	199.5	291.0	402.5
-2.5°	6.2	10.8	20.9	31.8	44.3	64.8	97.4	136.8	206.5	299.2	410.7
-5°	6.2	11.1	21.6	33.0	46.1	67.1	100.3	140.8	212.4	305.7	416.7
-7.5°	6.2	11.5	22.3	34.2	47.9	69.2	102.7	144.2	216.9	310.5	420.5
-10°	6.2	11.8	22.9	35.3	49.5	71.1	104.8	146.9	220.1	313.5	422.2
-12.5°	6.2	12.2	23.5	36.3	51.0	72.8	106.4	148.9	221.7	314.6	424.0
-15°	6.2	12.5	24.1	37.2	52.4	74.2	107.5	150.3	221.5	313.2	423.9
-17.5°	6.2	12.8	24.6	38.0	53.6	75.5	108.2	151.1	219.3	309.7	420.4
-20°	6.2	13.0	25.1	38.8	54.7	76.4	108.7	151.6	215.8	304.1	413.1



REPORT NUMBER: P1306100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	6.2	13.3	25.5	39.4	55.6	77.2	109.3	151.3	211.0	296.4	402.4
-25°	6.2	13.5	25.8	40.0	56.4	78.1	109.3	150.5	204.9	286.4	391.1
-27.5°	6.2	13.8	26.2	40.4	57.0	78.9	108.9	148.9	197.5	277.8	381.5
-30°	6.2	14.0	26.4	40.8	57.5	79.4	107.9	146.7	193.1	269.9	368.9
-32.5°	6.2	14.1	26.6	41.1	58.2	79.7	106.5	144.8	190.5	259.9	353.1
-35°	6.2	14.3	26.8	41.2	58.9	79.7	105.9	142.6	186.8	247.9	334.1
-37.5°	6.2	14.4	26.9	41.2	59.3	79.7	105.6	139.7	182.1	233.7	316.0
-40°	6.2	14.5	26.9	41.2	59.6	80.0	104.9	136.1	176.4	224.6	298.2
-42.5°	6.2	14.6	26.9	41.1	59.8	80.2	103.8	131.7	170.8	217.1	278.4
-45°	6.2	14.6	26.9	41.2	59.9	80.1	102.2	127.9	164.8	208.1	258.3
-47.5°	6.2	14.7	26.7	41.2	59.8	79.8	100.3	125.6	157.8	197.9	246.5
-50°	6.2	14.7	26.6	41.2	59.6	79.3	99.3	122.9	149.9	188.7	233.1
-52.5°	6.2	14.7	26.4	41.1	59.1	78.6	98.2	119.9	144.7	178.3	217.6
-55°	6.2	14.6	26.1	40.9	58.5	77.6	96.9	116.6	140.3	166.9	202.9
-57.5°	6.2	14.5	25.8	40.7	57.8	76.4	95.4	114.8	135.4	159.7	187.0
-60°	6.2	14.4	25.4	40.3	56.9	75.0	93.6	112.4	130.5	153.2	172.9
-62.5°	6.2	14.3	25.0	39.8	56.1	73.4	91.5	109.6	127.1	145.8	164.0
-65°	6.2	14.2	24.6	39.2	55.2	71.6	89.1	106.5	123.2	139.8	154.7
-67.5°	6.2	14.0	24.1	38.5	54.1	69.8	86.6	103.0	119.0	134.1	147.3
-70°	6.2	13.8	23.5	37.7	52.9	67.9	83.7	99.3	114.5	128.2	140.6
-72.5°	6.2	13.6	22.9	36.8	51.6	65.9	80.9	95.3	109.8	122.2	133.7
-75°	6.2	13.4	22.2	35.8	50.1	63.6	77.8	91.2	104.8	116.0	126.5
-77.5°	6.2	13.2	21.5	34.8	48.6	61.2	74.5	87.0	99.6	109.6	119.2
-80°	6.2	12.9	20.7	33.6	47.0	59.0	71.0	82.5	94.2	103.2	111.8
-82.5°	6.2	12.7	19.9	32.4	45.2	56.8	68.2	78.3	88.6	96.5	104.3
-85°	6.2	12.4	19.1	31.2	43.4	54.5	65.5	74.8	84.3	90.9	97.5
-87.5°	6.2	12.1	18.2	29.8	41.5	52.1	62.6	71.3	80.0	85.8	91.7
-90°	6.2	5.5	4.8	4.8	4.8	4.8	4.8	4.5	4.2	4.2	4.2



REPORT NUMBER: P1306100 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: EPH-08-320N-57-70-4S-VHE-A

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	89.7	93.5	97.0	100.5	104.7	108.8	113.0	117.1	121.6	126.1	130.6
87.5°	4.2	3.9	3.9	3.9	3.6	3.3	3.0	2.8	2.8	2.8	2.7
85°	4.5	4.2	4.2	4.2	3.9	3.7	3.4	3.1	3.1	3.2	3.0
82.5°	4.8	4.5	4.4	4.2	4.1	4.2	3.9	3.6	3.6	3.5	3.3
80°	5.1	4.8	4.6	4.4	4.3	4.2	4.1	4.1	3.9	3.6	3.6
77.5°	5.2	4.9	4.7	4.7	4.6	4.3	4.2	4.2	4.1	4.1	3.9
75°	5.3	4.9	4.9	4.9	4.6	4.3	4.2	4.3	4.4	4.3	4.1
72.5°	5.5	5.4	5.2	5.0	4.8	4.6	4.6	4.7	5.2	5.5	5.9
70°	6.1	5.9	5.7	5.5	5.3	5.2	5.8	7.0	8.2	8.6	9.8
67.5°	6.8	6.6	6.4	6.2	6.3	6.8	7.7	10.2	12.4	13.9	15.6
65°	7.5	7.4	7.4	7.5	7.6	9.7	12.0	14.5	18.4	20.6	20.7
62.5°	8.4	9.5	9.0	9.7	11.6	13.9	17.3	21.9	26.8	28.9	27.6
60°	12.0	12.5	12.8	14.3	16.2	18.7	23.5	29.0	34.7	38.2	33.1
57.5°	16.5	17.2	18.5	19.4	21.6	23.0	28.7	35.4	39.1	41.4	35.6
55°	22.1	23.2	25.2	25.6	27.4	28.0	32.8	37.4	40.5	41.2	34.9
52.5°	29.3	30.6	33.3	33.8	33.9	34.5	35.1	40.2	42.7	42.0	36.2
50°	37.1	41.4	42.8	44.4	42.4	43.2	40.9	46.8	51.8	50.5	52.2
47.5°	48.5	53.9	56.1	58.9	57.5	62.2	60.5	71.7	75.5	97.9	103.0
45°	62.2	71.8	74.7	81.3	88.0	93.6	111.6	113.0	160.3	180.0	217.1
42.5°	78.8	93.7	105.8	108.2	140.4	157.5	182.6	223.9	265.3	303.2	328.5
40°	103.3	118.7	144.6	174.8	209.0	245.8	279.3	327.2	367.3	397.1	415.0
37.5°	131.3	160.6	195.9	250.3	296.5	334.0	372.1	413.5	451.2	477.4	511.6
35°	161.9	204.7	270.1	326.8	376.3	411.7	448.8	492.7	528.3	570.6	612.8
32.5°	199.1	249.6	331.7	392.9	433.2	475.1	517.8	564.0	615.1	667.2	721.2
30°	235.9	300.3	380.4	444.1	483.0	531.8	583.9	638.0	705.0	770.7	843.6
27.5°	264.9	343.7	420.0	485.8	531.1	588.9	652.4	723.1	802.6	883.0	979.9
25°	290.7	376.0	459.9	529.6	587.2	651.3	725.9	810.6	905.4	1018.4	1323.2
22.5°	316.0	407.5	503.9	576.5	641.3	713.7	803.6	902.6	1014.1	1164.2	1703.3
20°	341.8	443.2	546.1	615.6	690.7	771.8	877.2	992.0	1130.3	1484.9	2280.1
17.5°	368.4	480.0	581.9	649.8	729.0	827.8	950.4	1079.9	1248.5	1785.1	3002.4
15°	394.4	514.7	610.7	680.1	767.4	882.5	1019.4	1178.0	1457.7	2204.2	3726.1
12.5°	419.2	545.9	632.1	706.2	805.3	934.0	1083.3	1261.4	1703.6	2769.7	4515.5
10°	442.5	573.5	650.7	731.1	842.4	982.4	1140.6	1334.8	1918.3	3221.6	5140.4
7.5°	467.8	597.1	667.5	754.7	876.6	1026.6	1187.8	1391.3	2078.3	3568.1	5604.6
5°	490.8	616.3	686.9	782.3	910.5	1066.5	1228.3	1438.6	2187.4	3787.8	5926.8
2.5°	510.8	631.7	705.0	808.6	942.4	1101.5	1264.8	1486.0	2284.8	3973.4	6334.5
0°	527.9	643.6	721.2	832.0	969.9	1130.6	1294.8	1524.1	2349.9	4098.4	6807.2
-2.5°	538.3	661.5	748.3	856.6	992.6	1151.2	1321.9	1564.8	2415.8	4368.7	6987.3
-5°	545.8	675.9	772.5	878.1	1011.0	1166.3	1341.7	1593.7	2444.2	4443.0	6934.8
-7.5°	550.2	686.3	793.3	896.9	1027.4	1183.9	1372.9	1632.3	2457.1	4259.8	6637.6
-10°	552.5	695.1	806.9	912.5	1042.7	1200.0	1397.3	1657.2	2404.3	4012.6	6295.7
-12.5°	558.4	702.6	817.7	924.0	1052.9	1211.6	1416.3	1676.0	2284.1	3672.9	5825.8
-15°	560.0	706.5	826.7	931.9	1063.4	1228.6	1430.6	1679.2	2110.4	3233.9	5225.8
-17.5°	556.9	706.7	833.0	938.1	1068.7	1235.0	1435.2	1670.0	1980.7	2914.9	4622.1
-20°	548.7	698.4	834.9	938.7	1066.7	1237.7	1437.5	1666.0	1949.1	2588.8	3890.0



REPORT NUMBER: P1306100 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	535.6	685.4	828.2	937.7	1073.7	1238.8	1430.8	1641.4	1880.5	2195.4	3161.2
-25°	521.5	666.8	810.6	941.0	1075.0	1233.1	1402.8	1596.1	1817.0	2063.3	2641.3
-27.5°	506.2	645.2	792.6	936.8	1068.4	1211.4	1369.1	1550.3	1732.1	1931.1	2177.3
-30°	487.8	621.7	768.5	921.7	1052.9	1186.6	1331.9	1478.4	1641.4	1820.5	2029.0
-32.5°	465.6	594.0	738.6	889.9	1032.4	1157.6	1279.2	1410.8	1556.2	1714.1	1886.6
-35°	441.6	566.0	703.5	851.3	1007.3	1122.3	1228.0	1341.8	1470.6	1614.9	1775.1
-37.5°	417.3	533.6	662.4	806.4	958.2	1078.6	1173.8	1279.9	1393.3	1516.9	1665.9
-40°	389.6	496.4	619.4	755.6	890.2	1020.3	1124.9	1221.1	1320.8	1433.8	1555.5
-42.5°	359.8	460.1	572.5	695.9	818.1	942.1	1073.1	1167.7	1256.8	1352.8	1459.5
-45°	334.9	420.0	521.6	631.4	741.6	861.7	988.1	1114.5	1195.9	1279.0	1369.9
-47.5°	306.1	379.4	472.3	563.8	665.5	778.7	898.4	1015.7	1131.3	1212.1	1288.6
-50°	278.7	345.0	416.0	500.1	590.7	695.3	805.0	912.2	1020.6	1130.0	1217.3
-52.5°	259.8	308.2	369.8	436.2	520.0	612.4	708.6	804.1	905.9	1010.4	1110.9
-55°	239.3	280.9	324.7	381.2	450.2	532.5	612.5	698.1	785.5	881.8	979.8
-57.5°	219.9	254.3	288.8	331.7	389.7	452.5	522.7	593.0	672.2	752.9	836.7
-60°	200.7	228.9	258.1	292.4	332.3	385.3	436.1	497.4	563.2	629.5	704.1
-62.5°	182.3	205.2	229.6	258.5	291.9	323.2	365.2	412.6	460.1	518.9	579.2
-65°	171.4	184.2	203.3	228.4	254.4	282.1	309.3	338.4	379.8	423.6	466.5
-67.5°	159.9	171.7	183.6	199.1	221.9	243.5	265.4	291.0	317.3	345.8	377.0
-70°	151.3	159.5	170.1	182.2	194.1	207.2	226.8	247.1	267.3	289.4	314.0
-72.5°	143.1	150.8	158.7	167.2	177.7	187.7	198.0	208.9	224.9	244.3	262.5
-75°	134.9	142.0	149.2	156.7	164.5	172.1	180.2	190.1	201.1	212.9	224.1
-77.5°	126.5	133.1	139.7	146.1	153.2	160.6	167.6	174.6	183.2	192.4	201.2
-80°	118.3	124.1	130.2	136.2	142.4	148.9	155.0	160.9	168.4	176.3	184.1
-82.5°	110.2	115.7	120.9	126.2	131.6	137.0	142.5	148.0	154.9	161.8	168.4
-85°	102.4	107.2	111.7	116.1	121.1	126.0	130.7	135.5	141.7	147.9	153.7
-87.5°	96.1	100.4	104.2	108.0	112.4	116.7	120.8	124.9	130.2	135.6	140.5
-90°	3.9	3.5	3.5	3.5	3.2	2.8	2.8	2.8	2.8	2.8	2.5



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	135.1	138.2	141.3	143.4	145.5	148.6	151.7	156.2	160.7	164.5	168.3
87.5°	2.7	2.4	2.1	2.1	2.0	2.0	2.1	1.7	1.4	1.4	1.4
85°	2.8	2.7	2.6	2.6	2.7	2.4	2.1	2.1	2.1	2.1	2.1
82.5°	3.1	3.0	2.8	2.8	2.8	2.7	2.7	2.4	2.1	2.1	2.1
80°	3.5	3.3	3.2	3.0	2.8	2.8	2.8	2.5	2.1	2.1	2.1
77.5°	3.6	3.6	3.5	3.2	2.9	2.8	2.8	2.5	2.1	2.1	2.1
75°	4.1	4.1	4.0	3.9	3.8	3.9	4.1	4.0	3.8	3.6	3.4
72.5°	6.2	6.2	6.1	6.5	6.8	7.1	7.3	7.5	7.8	8.4	9.0
70°	11.0	11.9	11.9	11.9	11.9	11.5	11.1	11.0	11.1	11.3	11.5
67.5°	16.6	17.3	17.6	17.8	16.2	15.2	14.8	14.8	15.5	16.7	18.5
65°	21.2	19.9	18.8	17.6	17.7	17.6	16.8	16.4	17.0	17.7	18.6
62.5°	25.3	20.1	16.7	15.1	15.4	15.9	14.4	13.2	12.8	12.6	12.7
60°	27.1	18.9	13.3	11.3	10.1	9.5	8.5	7.3	6.9	6.7	6.9
57.5°	27.4	18.0	10.6	8.3	6.4	5.0	4.2	3.7	3.6	3.5	3.4
55°	26.5	18.2	10.3	9.4	8.6	7.9	6.8	6.7	6.4	6.3	6.7
52.5°	27.5	25.5	20.9	20.2	24.7	24.8	21.4	26.3	29.6	32.2	33.4
50°	54.4	52.3	66.0	66.0	79.9	91.8	88.4	95.3	107.4	117.9	124.3
47.5°	127.0	137.0	157.6	176.1	197.1	223.5	235.2	243.5	254.0	268.2	277.6
45°	236.6	261.3	288.1	318.1	353.1	384.1	402.1	419.4	430.9	443.4	458.3
42.5°	351.3	380.9	420.6	456.4	494.3	530.5	558.9	584.0	633.0	702.8	758.4
40°	449.5	483.1	529.3	577.1	621.6	667.4	793.2	900.4	1034.0	1233.5	1410.2
37.5°	547.1	585.9	637.4	695.9	830.5	966.8	1241.5	1538.3	1795.5	2083.8	2375.0
35°	653.3	704.3	773.2	970.2	1219.3	1582.5	1976.5	2417.3	2791.5	3194.1	3784.0
32.5°	778.8	867.9	1090.5	1448.7	1895.3	2411.3	2900.0	3454.1	3921.5	4661.2	5562.1
30°	940.5	1219.9	1647.3	2141.9	2744.6	3397.6	4010.4	4907.9	5956.4	6884.6	7651.0
27.5°	1330.6	1870.3	2467.1	3093.8	3848.6	4639.9	5924.7	7086.3	8214.4	9216.6	10380.9
25°	1913.2	2779.0	3799.0	4639.1	5664.7	7094.7	8547.6	9826.9	11541.4	13049.5	14741.1
22.5°	2737.2	3970.0	5283.8	6510.4	8085.5	9876.5	11831.2	14188.3	16570.1	19215.8	21569.6
20°	3541.5	5101.1	6764.9	8530.8	10547.9	12787.2	15982.5	19807.9	23478.1	27646.4	31161.2
17.5°	4612.5	6497.9	8465.6	10710.3	13303.6	16748.8	21465.0	26695.7	32371.3	38595.6	44351.4
15°	5701.6	7732.8	10019.2	12892.1	16560.3	21242.6	27259.3	34379.9	42680.0	51829.9	62954.0
12.5°	6594.2	8815.2	11488.8	15109.3	19907.0	26168.7	33458.5	42030.0	53409.2	67209.9	80133.8
10°	7356.8	10020.0	13398.4	17683.2	23326.5	30395.5	38676.5	49288.7	64617.0	80604.6	94787.4
7.5°	8142.3	11292.9	14870.9	19516.6	25933.0	33957.0	44154.3	58012.2	74877.4	91275.3	104281.7
5°	8883.2	12160.9	15799.9	20763.4	27702.2	36320.0	47889.9	64769.0	83122.0	99182.7	111402.1
2.5°	9463.6	12597.5	16289.2	21692.0	28658.6	37604.2	50231.7	68947.2	88199.5	104028.1	116558.1
0°	9764.6	12834.3	16560.8	22272.7	29451.9	38782.9	51574.2	70791.1	90265.0	105679.2	118450.5
-2.5°	9698.0	12720.1	16392.7	21824.5	29270.6	38996.1	52690.6	71752.0	90620.8	106242.3	118278.6
-5°	9557.9	12540.0	16161.9	21273.8	28621.5	38460.0	51478.5	69003.0	87225.9	103250.2	114951.3
-7.5°	9296.7	12238.6	15701.7	20468.3	27545.5	36862.2	48610.1	63838.3	81320.2	97375.3	108703.0
-10°	8912.6	11772.9	15041.3	19376.4	25732.3	34289.5	44277.3	56169.4	72523.0	87533.6	100120.1
-12.5°	8366.5	11114.1	14125.0	17850.2	23542.2	31083.5	39693.9	49574.8	61262.9	75739.5	87537.5
-15°	7671.5	10255.6	13053.4	16568.3	21327.7	27506.7	34766.4	42431.7	51390.2	61383.2	72883.0
-17.5°	6818.8	9246.1	11851.5	14881.7	18730.9	23915.0	29657.8	35638.9	42105.2	49459.1	56215.3
-20°	5801.9	8022.1	10477.4	13295.9	16594.1	20338.7	24513.2	29348.5	34360.8	39609.4	44253.3



REPORT NUMBER: P1306100 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	4769.3	6794.6	9134.3	11598.8	14465.5	17323.7	20127.6	23722.8	27593.5	31393.3	34849.8
-25°	3731.7	5519.7	7695.1	10006.6	12307.5	14642.2	16918.8	19151.2	21936.6	24382.4	26919.4
-27.5°	2964.0	4301.6	6128.2	8145.4	10150.3	12098.5	14066.8	15931.6	17688.1	19165.2	20875.6
-30°	2331.0	3233.9	4645.0	6232.4	7986.7	9703.1	11399.2	12974.5	14357.7	15574.0	16761.7
-32.5°	2107.5	2476.2	3314.8	4521.1	5905.1	7410.9	8828.6	10181.7	11322.1	12452.3	13516.5
-35°	1949.5	2152.5	2426.7	3180.2	4081.5	5280.0	6391.3	7514.2	8472.0	9600.7	10473.4
-37.5°	1820.1	1976.4	2149.8	2327.5	2875.5	3475.6	4275.7	5117.5	5857.4	6804.2	7574.8
-40°	1694.7	1833.1	1968.6	2103.8	2249.5	2383.4	2859.7	3293.7	3795.6	4443.3	4997.6
-42.5°	1573.5	1695.4	1812.8	1922.6	2024.4	2112.3	2208.1	2300.0	2571.0	2901.2	3154.8
-45°	1464.7	1568.4	1666.6	1759.5	1837.1	1907.4	1981.2	2058.1	2158.9	2250.5	2326.1
-47.5°	1372.3	1454.2	1534.7	1610.3	1669.9	1730.0	1788.8	1855.1	1933.6	2010.5	2074.8
-50°	1288.6	1359.5	1420.6	1474.2	1523.8	1574.6	1621.4	1680.3	1743.5	1807.0	1860.2
-52.5°	1208.5	1271.6	1322.6	1363.4	1401.1	1442.6	1482.9	1529.9	1581.1	1634.6	1676.9
-55°	1073.9	1154.0	1228.1	1266.4	1296.0	1330.2	1364.3	1402.4	1445.6	1490.6	1524.1
-57.5°	925.0	1004.1	1074.0	1123.7	1172.8	1222.9	1260.4	1290.2	1329.4	1367.8	1396.7
-60°	775.6	841.9	903.6	953.9	1005.1	1055.2	1097.4	1136.3	1184.7	1228.8	1264.5
-62.5°	636.5	694.5	742.1	782.7	826.4	870.0	910.2	948.6	992.5	1032.0	1065.6
-65°	510.0	558.7	593.9	625.8	660.5	696.7	728.5	760.3	795.7	827.3	854.8
-67.5°	412.4	444.7	466.6	486.9	514.5	542.6	567.6	592.9	619.9	643.9	664.7
-70°	337.6	357.7	371.2	386.8	406.5	424.5	440.9	459.3	479.2	497.6	514.2
-72.5°	279.9	293.7	303.9	316.3	328.7	340.1	350.5	363.8	378.3	392.4	405.9
-75°	234.4	243.4	253.1	262.1	270.6	278.9	286.6	297.2	308.4	319.0	329.2
-77.5°	210.4	217.0	222.5	227.5	232.1	237.5	242.8	251.8	261.5	269.7	277.5
-80°	191.7	196.9	201.4	205.2	208.7	213.1	217.5	224.9	232.5	239.4	246.2
-82.5°	175.0	179.4	183.5	187.1	190.5	194.2	197.9	204.4	211.0	216.9	222.6
-85°	159.3	163.2	166.9	170.0	173.1	176.6	179.9	185.6	191.2	196.5	201.6
-87.5°	145.3	148.7	152.1	154.5	156.8	160.1	163.4	168.4	173.4	178.0	182.7
-90°	2.1	2.1	2.1	1.8	1.4	1.4	1.4	1.4	1.4	1.1	0.7



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	170.4	172.5	172.9	173.2	172.9	172.5	170.4	168.3	164.5	160.7	156.2
87.5°	1.0	0.7	1.0	1.4	1.0	0.7	1.0	1.4	1.4	1.4	1.7
85°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
82.5°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.4
80°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.5
77.5°	1.8	1.4	1.7	2.1	1.7	1.4	1.8	2.1	2.1	2.1	2.5
75°	3.1	2.8	2.5	2.1	2.5	2.8	3.1	3.4	3.6	3.8	4.0
72.5°	9.3	9.5	10.0	10.4	10.0	9.5	9.3	9.0	8.4	7.8	7.5
70°	11.1	10.5	10.4	10.4	10.4	10.5	11.1	11.5	11.3	11.1	11.0
67.5°	19.9	21.0	21.4	21.5	21.4	21.0	19.9	18.5	16.7	15.5	14.8
65°	19.3	20.0	20.1	20.1	20.1	20.0	19.3	18.6	17.7	17.0	16.4
62.5°	12.9	13.3	13.6	13.9	13.6	13.3	12.9	12.7	12.6	12.8	13.2
60°	7.2	7.7	8.0	8.3	8.0	7.7	7.2	6.9	6.7	6.9	7.3
57.5°	3.4	3.6	3.8	4.2	3.8	3.6	3.4	3.4	3.5	3.6	3.7
55°	7.0	7.3	7.5	7.6	7.5	7.3	7.0	6.7	6.3	6.4	6.7
52.5°	32.8	31.3	30.0	29.1	30.0	31.3	32.8	33.4	32.2	29.6	26.3
50°	127.0	123.9	120.4	117.1	120.4	123.9	127.0	124.3	117.9	107.4	95.3
47.5°	283.2	280.7	275.5	268.8	275.5	280.7	283.2	277.6	268.2	254.0	243.5
45°	478.7	492.6	498.7	495.3	498.7	492.6	478.7	458.3	443.4	430.9	419.4
42.5°	777.2	789.5	790.6	772.4	790.6	789.5	777.2	758.4	702.8	633.0	584.0
40°	1538.1	1644.7	1681.2	1571.2	1681.2	1644.7	1538.1	1410.2	1233.5	1034.0	900.4
37.5°	2726.0	3144.8	3494.0	3507.5	3494.0	3144.8	2726.0	2375.0	2083.8	1795.5	1538.3
35°	4418.0	4848.8	5057.1	5048.2	5057.1	4848.8	4418.0	3784.0	3194.1	2791.5	2417.3
32.5°	6209.5	6535.9	6744.5	6694.3	6744.5	6535.9	6209.5	5562.1	4661.2	3921.5	3454.1
30°	8198.4	8501.3	8744.4	8740.7	8744.4	8501.3	8198.4	7651.0	6884.6	5956.4	4907.9
27.5°	11328.7	11952.8	12448.7	12364.6	12448.7	11952.8	11328.7	10380.9	9216.6	8214.4	7086.3
25°	16168.0	17309.5	18116.5	17950.5	18116.5	17309.5	16168.0	14741.1	13049.5	11541.4	9826.9
22.5°	23317.0	24781.3	25393.6	24908.0	25393.6	24781.3	23317.0	21569.6	19215.8	16570.1	14188.3
20°	34509.7	37224.5	38912.3	37905.8	38912.3	37224.5	34509.7	31161.2	27646.4	23478.1	19807.9
17.5°	51801.1	57690.7	62344.2	62215.9	62344.2	57690.7	51801.1	44351.4	38595.6	32371.3	26695.7
15°	72639.0	79342.5	84504.2	85101.0	84504.2	79342.5	72639.0	62954.0	51829.9	42680.0	34379.9
12.5°	91297.1	98114.7	103165.8	104619.3	103165.8	98114.7	91297.1	80133.8	67209.9	53409.2	42030.0
10°	104594.7	111398.1	116287.2	118011.2	116287.2	111398.1	104594.7	94787.4	80604.6	64617.0	49288.7
7.5°	114349.7	121730.8	125395.6	127268.8	125395.6	121730.8	114349.7	104281.7	91275.3	74877.4	58012.2
5°	121369.0	128228.9	131774.2	134044.1	131774.2	128228.9	121369.0	111402.1	99182.7	83122.0	64769.0
2.5°	125793.9	132270.1	136527.8	138563.8	136527.8	132270.1	125793.9	116558.1	104028.1	88199.5	68947.2
0°	127222.1	133439.3	138211.5	140036.6	138211.5	133439.3	127222.1	118450.5	105679.2	90265.0	70791.1
-2.5°	126557.8	132648.1	136454.3	137192.0	136454.3	132648.1	126557.8	118278.6	106242.3	90620.8	71752.0
-5°	123100.8	128714.1	132228.6	132806.1	132228.6	128714.1	123100.8	114951.3	103250.2	87225.9	69003.0
-7.5°	117141.0	122740.4	125645.5	126500.8	125645.5	122740.4	117141.0	108703.0	97375.3	81320.2	63838.3
-10°	108499.9	113909.6	117014.4	117750.8	117014.4	113909.6	108499.9	100120.1	87533.6	72523.0	56169.4
-12.5°	96708.8	102480.0	105954.9	106720.5	105954.9	102480.0	96708.8	87537.5	75739.5	61262.9	49574.8
-15°	81419.4	87355.8	91791.7	92864.9	91791.7	87355.8	81419.4	72883.0	61383.2	51390.2	42431.7
-17.5°	63795.2	69735.7	73721.9	74482.9	73721.9	69735.7	63795.2	56215.3	49459.1	42105.2	35638.9
-20°	48616.2	52436.7	54686.5	55078.3	54686.5	52436.7	48616.2	44253.3	39609.4	34360.8	29348.5



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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°	37674.6	40242.4	41612.1	41805.4	41612.1	40242.4	37674.6	34849.8	31393.3	27593.5	23722.8
-25°	29194.2	31059.9	32080.2	32250.0	32080.2	31059.9	29194.2	26919.4	24382.4	21936.6	19151.2
-27.5°	22416.2	23575.2	24524.4	24326.8	24524.4	23575.2	22416.2	20875.6	19165.2	17688.1	15931.6
-30°	17737.6	18481.0	19041.6	18894.7	19041.6	18481.0	17737.6	16761.7	15574.0	14357.7	12974.5
-32.5°	14356.2	14938.6	15332.7	15437.8	15332.7	14938.6	14356.2	13516.5	12452.3	11322.1	10181.7
-35°	11158.3	11634.2	11907.3	12013.4	11907.3	11634.2	11158.3	10473.4	9600.7	8472.0	7514.2
-37.5°	8146.7	8564.1	8824.7	8915.3	8824.7	8564.1	8146.7	7574.8	6804.2	5857.4	5117.5
-40°	5421.8	5743.5	5957.0	6039.6	5957.0	5743.5	5421.8	4997.6	4443.3	3795.6	3293.7
-42.5°	3352.2	3502.8	3598.2	3628.1	3598.2	3502.8	3352.2	3154.8	2901.2	2571.0	2300.0
-45°	2384.5	2426.1	2450.0	2454.5	2450.0	2426.1	2384.5	2326.1	2250.5	2158.9	2058.1
-47.5°	2125.0	2157.8	2174.6	2175.3	2174.6	2157.8	2125.0	2074.8	2010.5	1933.6	1855.1
-50°	1904.1	1934.5	1949.8	1950.9	1949.8	1934.5	1904.1	1860.2	1807.0	1743.5	1680.3
-52.5°	1711.5	1735.7	1746.9	1747.2	1746.9	1735.7	1711.5	1676.9	1634.6	1581.1	1529.9
-55°	1551.6	1570.4	1577.4	1576.1	1577.4	1570.4	1551.6	1524.1	1490.6	1445.6	1402.4
-57.5°	1420.8	1439.2	1445.0	1443.0	1445.0	1439.2	1420.8	1396.7	1367.8	1329.4	1290.2
-60°	1292.5	1312.2	1319.6	1319.0	1319.6	1312.2	1292.5	1264.5	1228.8	1184.7	1136.3
-62.5°	1089.6	1104.8	1112.9	1115.4	1112.9	1104.8	1089.6	1065.6	1032.0	992.5	948.6
-65°	873.7	885.8	892.3	894.4	892.3	885.8	873.7	854.8	827.3	795.7	760.3
-67.5°	678.2	686.9	691.1	692.1	691.1	686.9	678.2	664.7	643.9	619.9	592.9
-70°	524.5	531.6	534.9	536.2	534.9	531.6	524.5	514.2	497.6	479.2	459.3
-72.5°	413.7	419.4	421.7	422.6	421.7	419.4	413.7	405.9	392.4	378.3	363.8
-75°	334.0	337.4	338.8	339.5	338.8	337.4	334.0	329.2	319.0	308.4	297.2
-77.5°	281.7	285.3	286.6	287.5	286.6	285.3	281.7	277.5	269.7	261.5	251.8
-80°	249.2	251.8	252.8	253.6	252.8	251.8	249.2	246.2	239.4	232.5	224.9
-82.5°	226.2	229.7	229.9	230.0	229.9	229.7	226.2	222.6	216.9	211.0	204.4
-85°	204.3	206.9	207.4	207.8	207.4	206.9	204.3	201.6	196.5	191.2	185.6
-87.5°	185.2	187.6	187.7	187.7	187.7	187.6	185.2	182.7	178.0	173.4	168.4
-90°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.1	1.4	1.4



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	151.7	148.6	145.5	143.4	141.3	138.2	135.1	130.6	126.1	121.6	117.1
87.5°	2.1	2.0	2.0	2.1	2.1	2.4	2.7	2.7	2.8	2.8	2.8
85°	2.1	2.4	2.7	2.6	2.6	2.7	2.8	3.0	3.2	3.1	3.1
82.5°	2.7	2.7	2.8	2.8	2.8	3.0	3.1	3.3	3.5	3.6	3.6
80°	2.8	2.8	2.8	3.0	3.2	3.3	3.5	3.6	3.6	3.9	4.1
77.5°	2.8	2.8	2.9	3.2	3.5	3.6	3.6	3.9	4.1	4.1	4.2
75°	4.1	3.9	3.8	3.9	4.0	4.1	4.1	4.1	4.3	4.4	4.3
72.5°	7.3	7.1	6.8	6.5	6.1	6.2	6.2	5.9	5.5	5.2	4.7
70°	11.1	11.5	11.9	11.9	11.9	11.9	11.0	9.8	8.6	8.2	7.0
67.5°	14.8	15.2	16.2	17.8	17.6	17.3	16.6	15.6	13.9	12.4	10.2
65°	16.8	17.6	17.7	17.6	18.8	19.9	21.2	20.7	20.6	18.4	14.5
62.5°	14.4	15.9	15.4	15.1	16.7	20.1	25.3	27.6	28.9	26.8	21.9
60°	8.5	9.5	10.1	11.3	13.3	18.9	27.1	33.1	38.2	34.7	29.0
57.5°	4.2	5.0	6.4	8.3	10.6	18.0	27.4	35.6	41.4	39.1	35.4
55°	6.8	7.9	8.6	9.4	10.3	18.2	26.5	34.9	41.2	40.5	37.4
52.5°	21.4	24.8	24.7	20.2	20.9	25.5	27.5	36.2	42.0	42.7	40.2
50°	88.4	91.8	79.9	66.0	66.0	52.3	54.4	52.2	50.5	51.8	46.8
47.5°	235.2	223.5	197.1	176.1	157.6	137.0	127.0	103.0	97.9	75.5	71.7
45°	402.1	384.1	353.1	318.1	288.1	261.3	236.6	217.1	180.0	160.3	113.0
42.5°	558.9	530.5	494.3	456.4	420.6	380.9	351.3	328.5	303.2	265.3	223.9
40°	793.2	667.4	621.6	577.1	529.3	483.1	449.5	415.0	397.1	367.3	327.2
37.5°	1241.5	966.8	830.5	695.9	637.4	585.9	547.1	511.6	477.4	451.2	413.5
35°	1976.5	1582.5	1219.3	970.2	773.2	704.3	653.3	612.8	570.6	528.3	492.7
32.5°	2900.0	2411.3	1895.3	1448.7	1090.5	867.9	778.8	721.2	667.2	615.1	564.0
30°	4010.4	3397.6	2744.6	2141.9	1647.3	1219.9	940.5	843.6	770.7	705.0	638.0
27.5°	5924.7	4639.9	3848.6	3093.8	2467.1	1870.3	1330.6	979.9	883.0	802.6	723.1
25°	8547.6	7094.7	5664.7	4639.1	3799.0	2779.0	1913.2	1323.2	1018.4	905.4	810.6
22.5°	11831.2	9876.5	8085.5	6510.4	5283.8	3970.0	2737.2	1703.3	1164.2	1014.1	902.6
20°	15982.5	12787.2	10547.9	8530.8	6764.9	5101.1	3541.5	2280.1	1484.9	1130.3	992.0
17.5°	21465.0	16748.8	13303.6	10710.3	8465.6	6497.9	4612.5	3002.4	1785.1	1248.5	1079.9
15°	27259.3	21242.6	16560.3	12892.1	10019.2	7732.8	5701.6	3726.1	2204.2	1457.7	1178.0
12.5°	33458.5	26168.7	19907.0	15109.3	11488.8	8815.2	6594.2	4515.5	2769.7	1703.6	1261.4
10°	38676.5	30395.5	23326.5	17683.2	13398.4	10020.0	7356.8	5140.4	3221.6	1918.3	1334.8
7.5°	44154.3	33957.0	25933.0	19516.6	14870.9	11292.9	8142.3	5604.6	3568.1	2078.3	1391.3
5°	47889.9	36320.0	27702.2	20763.4	15799.9	12160.9	8883.2	5926.8	3787.8	2187.4	1438.6
2.5°	50231.7	37604.2	28658.6	21692.0	16289.2	12597.5	9463.6	6334.5	3973.4	2284.8	1486.0
0°	51574.2	38782.9	29451.9	22272.7	16560.8	12834.3	9764.6	6807.2	4098.4	2349.9	1524.1
-2.5°	52690.6	38996.1	29270.6	21824.5	16392.7	12720.1	9698.0	6987.3	4368.7	2415.8	1564.8
-5°	51478.5	38460.0	28621.5	21273.8	16161.9	12540.0	9557.9	6934.8	4443.0	2444.2	1593.7
-7.5°	48610.1	36862.2	27545.5	20468.3	15701.7	12238.6	9296.7	6637.6	4259.8	2457.1	1632.3
-10°	44277.3	34289.5	25732.3	19376.4	15041.3	11772.9	8912.6	6295.7	4012.6	2404.3	1657.2
-12.5°	39693.9	31083.5	23542.2	17850.2	14125.0	11114.1	8366.5	5825.8	3672.9	2284.1	1676.0
-15°	34766.4	27506.7	21327.7	16568.3	13053.4	10255.6	7671.5	5225.8	3233.9	2110.4	1679.2
-17.5°	29657.8	23915.0	18730.9	14881.7	11851.5	9246.1	6818.8	4622.1	2914.9	1980.7	1670.0
-20°	24513.2	20338.7	16594.1	13295.9	10477.4	8022.1	5801.9	3890.0	2588.8	1949.1	1666.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	20127.6	17323.7	14465.5	11598.8	9134.3	6794.6	4769.3	3161.2	2195.4	1880.5	1641.4
-25°	16918.8	14642.2	12307.5	10006.6	7695.1	5519.7	3731.7	2641.3	2063.3	1817.0	1596.1
-27.5°	14066.8	12098.5	10150.3	8145.4	6128.2	4301.6	2964.0	2177.3	1931.1	1732.1	1550.3
-30°	11399.2	9703.1	7986.7	6232.4	4645.0	3233.9	2331.0	2029.0	1820.5	1641.4	1478.4
-32.5°	8828.6	7410.9	5905.1	4521.1	3314.8	2476.2	2107.5	1886.6	1714.1	1556.2	1410.8
-35°	6391.3	5280.0	4081.5	3180.2	2426.7	2152.5	1949.5	1775.1	1614.9	1470.6	1341.8
-37.5°	4275.7	3475.6	2875.5	2327.5	2149.8	1976.4	1820.1	1665.9	1516.9	1393.3	1279.9
-40°	2859.7	2383.4	2249.5	2103.8	1968.6	1833.1	1694.7	1555.5	1433.8	1320.8	1221.1
-42.5°	2208.1	2112.3	2024.4	1922.6	1812.8	1695.4	1573.5	1459.5	1352.8	1256.8	1167.7
-45°	1981.2	1907.4	1837.1	1759.5	1666.6	1568.4	1464.7	1369.9	1279.0	1195.9	1114.5
-47.5°	1788.8	1730.0	1669.9	1610.3	1534.7	1454.2	1372.3	1288.6	1212.1	1131.3	1015.7
-50°	1621.4	1574.6	1523.8	1474.2	1420.6	1359.5	1288.6	1217.3	1130.0	1020.6	912.2
-52.5°	1482.9	1442.6	1401.1	1363.4	1322.6	1271.6	1208.5	1110.9	1010.4	905.9	804.1
-55°	1364.3	1330.2	1296.0	1266.4	1228.1	1154.0	1073.9	979.8	881.8	785.5	698.1
-57.5°	1260.4	1222.9	1172.8	1123.7	1074.0	1004.1	925.0	836.7	752.9	672.2	593.0
-60°	1097.4	1055.2	1005.1	953.9	903.6	841.9	775.6	704.1	629.5	563.2	497.4
-62.5°	910.2	870.0	826.4	782.7	742.1	694.5	636.5	579.2	518.9	460.1	412.6
-65°	728.5	696.7	660.5	625.8	593.9	558.7	510.0	466.5	423.6	379.8	338.4
-67.5°	567.6	542.6	514.5	486.9	466.6	444.7	412.4	377.0	345.8	317.3	291.0
-70°	440.9	424.5	406.5	386.8	371.2	357.7	337.6	314.0	289.4	267.3	247.1
-72.5°	350.5	340.1	328.7	316.3	303.9	293.7	279.9	262.5	244.3	224.9	208.9
-75°	286.6	278.9	270.6	262.1	253.1	243.4	234.4	224.1	212.9	201.1	190.1
-77.5°	242.8	237.5	232.1	227.5	222.5	217.0	210.4	201.2	192.4	183.2	174.6
-80°	217.5	213.1	208.7	205.2	201.4	196.9	191.7	184.1	176.3	168.4	160.9
-82.5°	197.9	194.2	190.5	187.1	183.5	179.4	175.0	168.4	161.8	154.9	148.0
-85°	179.9	176.6	173.1	170.0	166.9	163.2	159.3	153.7	147.9	141.7	135.5
-87.5°	163.4	160.1	156.8	154.5	152.1	148.7	145.3	140.5	135.6	130.2	124.9
-90°	1.4	1.4	1.4	1.8	2.1	2.1	2.1	2.5	2.8	2.8	2.8



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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°	113.0	108.8	104.7	100.5	97.0	93.5	89.7	85.9	80.7	75.5	67.6
87.5°	3.0	3.3	3.6	3.9	3.9	3.9	4.2	4.5	4.4	4.4	4.7
85°	3.4	3.7	3.9	4.2	4.2	4.2	4.5	4.7	4.7	4.6	4.9
82.5°	3.9	4.2	4.1	4.2	4.4	4.5	4.8	5.0	5.0	4.9	5.1
80°	4.1	4.2	4.3	4.4	4.6	4.8	5.1	5.3	5.4	5.3	5.5
77.5°	4.2	4.3	4.6	4.7	4.7	4.9	5.2	5.6	5.8	5.8	5.9
75°	4.2	4.3	4.6	4.9	4.9	4.9	5.3	5.7	6.1	6.3	6.3
72.5°	4.6	4.6	4.8	5.0	5.2	5.4	5.5	5.8	6.3	6.6	6.7
70°	5.8	5.2	5.3	5.5	5.7	5.9	6.1	6.3	6.6	6.9	7.1
67.5°	7.7	6.8	6.3	6.2	6.4	6.6	6.8	7.0	7.2	7.3	7.5
65°	12.0	9.7	7.6	7.5	7.4	7.4	7.5	7.8	7.8	8.2	7.9
62.5°	17.3	13.9	11.6	9.7	9.0	9.5	8.4	9.4	8.6	9.1	8.9
60°	23.5	18.7	16.2	14.3	12.8	12.5	12.0	11.2	10.9	10.2	10.1
57.5°	28.7	23.0	21.6	19.4	18.5	17.2	16.5	15.1	13.6	12.7	11.4
55°	32.8	28.0	27.4	25.6	25.2	23.2	22.1	20.3	17.2	15.8	12.9
52.5°	35.1	34.5	33.9	33.8	33.3	30.6	29.3	25.9	23.2	19.1	16.0
50°	40.9	43.2	42.4	44.4	42.8	41.4	37.1	33.5	29.7	23.4	19.4
47.5°	60.5	62.2	57.5	58.9	56.1	53.9	48.5	42.2	36.5	29.8	22.9
45°	111.6	93.6	88.0	81.3	74.7	71.8	62.2	51.4	45.0	36.5	26.5
42.5°	182.6	157.5	140.4	108.2	105.8	93.7	78.8	66.4	53.9	43.5	31.7
40°	279.3	245.8	209.0	174.8	144.6	118.7	103.3	83.6	63.3	51.2	37.9
37.5°	372.1	334.0	296.5	250.3	195.9	160.6	131.3	102.3	75.4	60.1	44.4
35°	448.8	411.7	376.3	326.8	270.1	204.7	161.9	124.9	92.7	69.3	50.9
32.5°	517.8	475.1	433.2	392.9	331.7	249.6	199.1	150.7	110.4	78.9	57.4
30°	583.9	531.8	483.0	444.1	380.4	300.3	235.9	175.4	128.5	88.8	64.1
27.5°	652.4	588.9	531.1	485.8	420.0	343.7	264.9	198.7	146.8	99.7	71.4
25°	725.9	651.3	587.2	529.6	459.9	376.0	290.7	220.9	165.9	112.3	78.3
22.5°	803.6	713.7	641.3	576.5	503.9	407.5	316.0	243.6	180.7	124.0	84.9
20°	877.2	771.8	690.7	615.6	546.1	443.2	341.8	262.0	194.5	134.9	91.2
17.5°	950.4	827.8	729.0	649.8	581.9	480.0	368.4	279.1	207.3	145.0	97.1
15°	1019.4	882.5	767.4	680.1	610.7	514.7	394.4	295.2	219.0	154.1	102.9
12.5°	1083.3	934.0	805.3	706.2	632.1	545.9	419.2	310.2	229.7	163.3	108.9
10°	1140.6	982.4	842.4	731.1	650.7	573.5	442.5	326.7	243.4	172.4	114.5
7.5°	1187.8	1026.6	876.6	754.7	667.5	597.1	467.8	347.8	257.0	180.6	119.6
5°	1228.3	1066.5	910.5	782.3	686.9	616.3	490.8	367.7	269.6	187.9	124.3
2.5°	1264.8	1101.5	942.4	808.6	705.0	631.7	510.8	386.1	281.0	194.2	128.6
0°	1294.8	1130.6	969.9	832.0	721.2	643.6	527.9	402.5	291.0	199.5	132.3
-2.5°	1321.9	1151.2	992.6	856.6	748.3	661.5	538.3	410.7	299.2	206.5	136.8
-5°	1341.7	1166.3	1011.0	878.1	772.5	675.9	545.8	416.7	305.7	212.4	140.8
-7.5°	1372.9	1183.9	1027.4	896.9	793.3	686.3	550.2	420.5	310.5	216.9	144.2
-10°	1397.3	1200.0	1042.7	912.5	806.9	695.1	552.5	422.2	313.5	220.1	146.9
-12.5°	1416.3	1211.6	1052.9	924.0	817.7	702.6	558.4	424.0	314.6	221.7	148.9
-15°	1430.6	1228.6	1063.4	931.9	826.7	706.5	560.0	423.9	313.2	221.5	150.3
-17.5°	1435.2	1235.0	1068.7	938.1	833.0	706.7	556.9	420.4	309.7	219.3	151.1
-20°	1437.5	1237.7	1066.7	938.7	834.9	698.4	548.7	413.1	304.1	215.8	151.6



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	1430.8	1238.8	1073.7	937.7	828.2	685.4	535.6	402.4	296.4	211.0	151.3
-25°	1402.8	1233.1	1075.0	941.0	810.6	666.8	521.5	391.1	286.4	204.9	150.5
-27.5°	1369.1	1211.4	1068.4	936.8	792.6	645.2	506.2	381.5	277.8	197.5	148.9
-30°	1331.9	1186.6	1052.9	921.7	768.5	621.7	487.8	368.9	269.9	193.1	146.7
-32.5°	1279.2	1157.6	1032.4	889.9	738.6	594.0	465.6	353.1	259.9	190.5	144.8
-35°	1228.0	1122.3	1007.3	851.3	703.5	566.0	441.6	334.1	247.9	186.8	142.6
-37.5°	1173.8	1078.6	958.2	806.4	662.4	533.6	417.3	316.0	233.7	182.1	139.7
-40°	1124.9	1020.3	890.2	755.6	619.4	496.4	389.6	298.2	224.6	176.4	136.1
-42.5°	1073.1	942.1	818.1	695.9	572.5	460.1	359.8	278.4	217.1	170.8	131.7
-45°	988.1	861.7	741.6	631.4	521.6	420.0	334.9	258.3	208.1	164.8	127.9
-47.5°	898.4	778.7	665.5	563.8	472.3	379.4	306.1	246.5	197.9	157.8	125.6
-50°	805.0	695.3	590.7	500.1	416.0	345.0	278.7	233.1	188.7	149.9	122.9
-52.5°	708.6	612.4	520.0	436.2	369.8	308.2	259.8	217.6	178.3	144.7	119.9
-55°	612.5	532.5	450.2	381.2	324.7	280.9	239.3	202.9	166.9	140.3	116.6
-57.5°	522.7	452.5	389.7	331.7	288.8	254.3	219.9	187.0	159.7	135.4	114.8
-60°	436.1	385.3	332.3	292.4	258.1	228.9	200.7	172.9	153.2	130.5	112.4
-62.5°	365.2	323.2	291.9	258.5	229.6	205.2	182.3	164.0	145.8	127.1	109.6
-65°	309.3	282.1	254.4	228.4	203.3	184.2	171.4	154.7	139.8	123.2	106.5
-67.5°	265.4	243.5	221.9	199.1	183.6	171.7	159.9	147.3	134.1	119.0	103.0
-70°	226.8	207.2	194.1	182.2	170.1	159.5	151.3	140.6	128.2	114.5	99.3
-72.5°	198.0	187.7	177.7	167.2	158.7	150.8	143.1	133.7	122.2	109.8	95.3
-75°	180.2	172.1	164.5	156.7	149.2	142.0	134.9	126.5	116.0	104.8	91.2
-77.5°	167.6	160.6	153.2	146.1	139.7	133.1	126.5	119.2	109.6	99.6	87.0
-80°	155.0	148.9	142.4	136.2	130.2	124.1	118.3	111.8	103.2	94.2	82.5
-82.5°	142.5	137.0	131.6	126.2	120.9	115.7	110.2	104.3	96.5	88.6	78.3
-85°	130.7	126.0	121.1	116.1	111.7	107.2	102.4	97.5	90.9	84.3	74.8
-87.5°	120.8	116.7	112.4	108.0	104.2	100.4	96.1	91.7	85.8	80.0	71.3
-90°	2.8	2.8	3.2	3.5	3.5	3.5	3.9	4.2	4.2	4.2	4.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	59.6	49.5	39.5	28.4	17.3	11.7	6.2
87.5°	5.0	5.0	5.0	5.0	4.9	5.6	6.2
85°	5.2	5.3	5.3	5.2	5.1	5.7	6.2
82.5°	5.4	5.5	5.5	5.3	5.2	5.9	6.2
80°	5.6	5.7	5.8	5.5	5.3	6.0	6.2
77.5°	5.9	6.0	6.0	5.7	5.5	6.1	6.2
75°	6.3	6.3	6.2	5.9	5.6	6.3	6.2
72.5°	6.7	6.6	6.5	6.1	5.8	6.4	6.2
70°	7.1	6.9	6.8	6.3	6.0	6.5	6.2
67.5°	7.6	7.2	7.0	6.5	6.1	6.7	6.2
65°	8.1	7.7	7.3	6.8	6.3	6.8	6.2
62.5°	8.7	8.3	7.6	7.1	6.5	6.9	6.2
60°	9.3	9.0	8.0	7.4	6.8	7.1	6.2
57.5°	10.6	9.7	8.7	7.7	7.1	7.2	6.2
55°	12.1	10.4	9.4	8.0	7.5	7.4	6.2
52.5°	13.6	11.3	10.3	8.3	8.0	7.5	6.2
50°	15.2	12.9	11.1	8.6	8.4	7.7	6.2
47.5°	17.1	14.5	12.0	9.0	8.9	7.8	6.2
45°	20.2	16.2	12.9	9.7	9.4	8.0	6.2
42.5°	23.5	18.0	13.9	10.4	9.9	8.1	6.2
40°	26.9	19.9	15.1	11.4	10.5	8.3	6.2
37.5°	30.4	21.8	16.5	12.6	11.1	8.4	6.2
35°	34.0	24.3	18.0	13.9	11.6	8.6	6.2
32.5°	38.1	27.2	19.5	15.1	12.2	8.7	6.2
30°	43.3	29.9	21.0	16.4	12.9	8.9	6.2
27.5°	48.5	32.7	23.0	17.6	13.5	9.0	6.2
25°	53.5	35.3	25.0	18.9	14.1	9.2	6.2
22.5°	58.3	38.1	27.0	20.2	14.8	9.3	6.2
20°	62.9	41.3	29.0	21.4	15.4	9.5	6.2
17.5°	67.6	44.4	30.9	22.6	16.0	9.6	6.2
15°	72.4	47.3	32.7	23.9	16.7	9.7	6.2
12.5°	76.8	50.2	34.5	25.1	17.3	9.9	6.2
10°	81.0	52.9	36.2	26.2	17.9	10.0	6.2
7.5°	84.8	55.5	37.9	27.4	18.5	10.1	6.2
5°	88.3	57.9	39.4	28.5	19.1	10.2	6.2
2.5°	91.4	60.2	40.9	29.5	19.6	10.3	6.2
0°	94.2	62.3	42.3	30.5	20.1	10.4	6.2
-2.5°	97.4	64.8	44.3	31.8	20.9	10.8	6.2
-5°	100.3	67.1	46.1	33.0	21.6	11.1	6.2
-7.5°	102.7	69.2	47.9	34.2	22.3	11.5	6.2
-10°	104.8	71.1	49.5	35.3	22.9	11.8	6.2
-12.5°	106.4	72.8	51.0	36.3	23.5	12.2	6.2
-15°	107.5	74.2	52.4	37.2	24.1	12.5	6.2
-17.5°	108.2	75.5	53.6	38.0	24.6	12.8	6.2
-20°	108.7	76.4	54.7	38.8	25.1	13.0	6.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	109.3	77.2	55.6	39.4	25.5	13.3	6.2
-25°	109.3	78.1	56.4	40.0	25.8	13.5	6.2
-27.5°	108.9	78.9	57.0	40.4	26.2	13.8	6.2
-30°	107.9	79.4	57.5	40.8	26.4	14.0	6.2
-32.5°	106.5	79.7	58.2	41.1	26.6	14.1	6.2
-35°	105.9	79.7	58.9	41.2	26.8	14.3	6.2
-37.5°	105.6	79.7	59.3	41.2	26.9	14.4	6.2
-40°	104.9	80.0	59.6	41.2	26.9	14.5	6.2
-42.5°	103.8	80.2	59.8	41.1	26.9	14.6	6.2
-45°	102.2	80.1	59.9	41.2	26.9	14.6	6.2
-47.5°	100.3	79.8	59.8	41.2	26.7	14.7	6.2
-50°	99.3	79.3	59.6	41.2	26.6	14.7	6.2
-52.5°	98.2	78.6	59.1	41.1	26.4	14.7	6.2
-55°	96.9	77.6	58.5	40.9	26.1	14.6	6.2
-57.5°	95.4	76.4	57.8	40.7	25.8	14.5	6.2
-60°	93.6	75.0	56.9	40.3	25.4	14.4	6.2
-62.5°	91.5	73.4	56.1	39.8	25.0	14.3	6.2
-65°	89.1	71.6	55.2	39.2	24.6	14.2	6.2
-67.5°	86.6	69.8	54.1	38.5	24.1	14.0	6.2
-70°	83.7	67.9	52.9	37.7	23.5	13.8	6.2
-72.5°	80.9	65.9	51.6	36.8	22.9	13.6	6.2
-75°	77.8	63.6	50.1	35.8	22.2	13.4	6.2
-77.5°	74.5	61.2	48.6	34.8	21.5	13.2	6.2
-80°	71.0	59.0	47.0	33.6	20.7	12.9	6.2
-82.5°	68.2	56.8	45.2	32.4	19.9	12.7	6.2
-85°	65.5	54.5	43.4	31.2	19.1	12.4	6.2
-87.5°	62.6	52.1	41.5	29.8	18.2	12.1	6.2
-90°	4.8	4.8	4.8	4.8	4.8	5.5	6.2

(END OF REPORT)