

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: P1306136 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **EPH-08-530N-40-70-1S-VHE-A**

Issue Date: 2/3/2026

Test Information

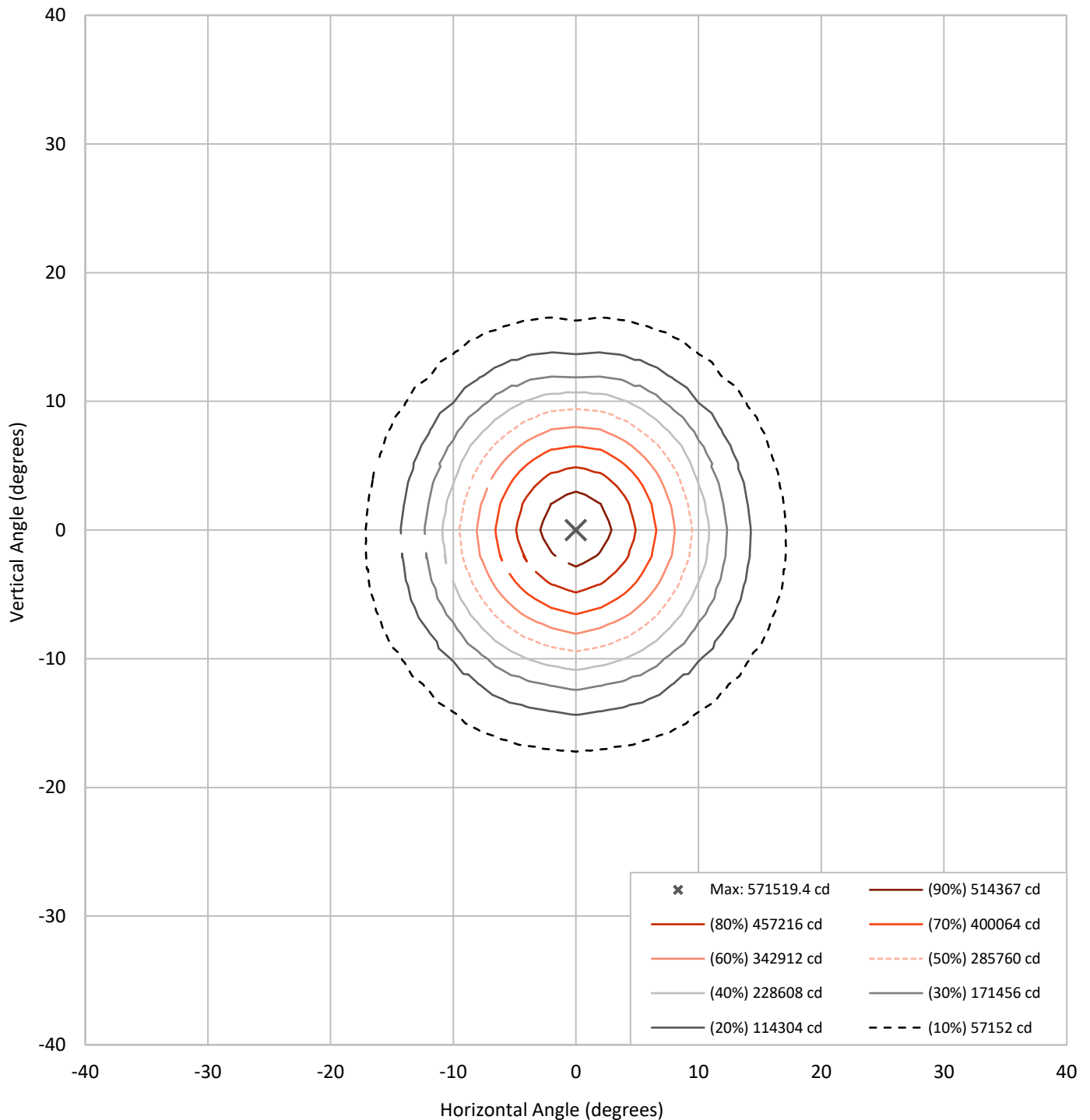
Test Method: LM-79-08
Report Number: P1306136 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2308-133-1)
Test Lab: INNOVATION CENTER
Issue Date: 2/3/2026
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: EPHESUS
Catalog Number: EPH-08-530N-40-70-1S-VHE-A
Description: EPHESUS LUMASPORT 8 INTEGRAL LUMINAIRE
(8) 4000K, 70 CRI LEDS AND 1S BEAM SHAPE WITH ANODIZED CUTOFF VISOR
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	75331.7 lumens	Max Intensity:	571519.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	133.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	19°H x 18.9°V	Field Angle (10%):	34°H x 33.3°V
Beam Lumens:	33393.3 lumens	Field Lumens:	60820.7 lumens
Beam Efficiency:	44.3%	Field Efficiency:	80.7%
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





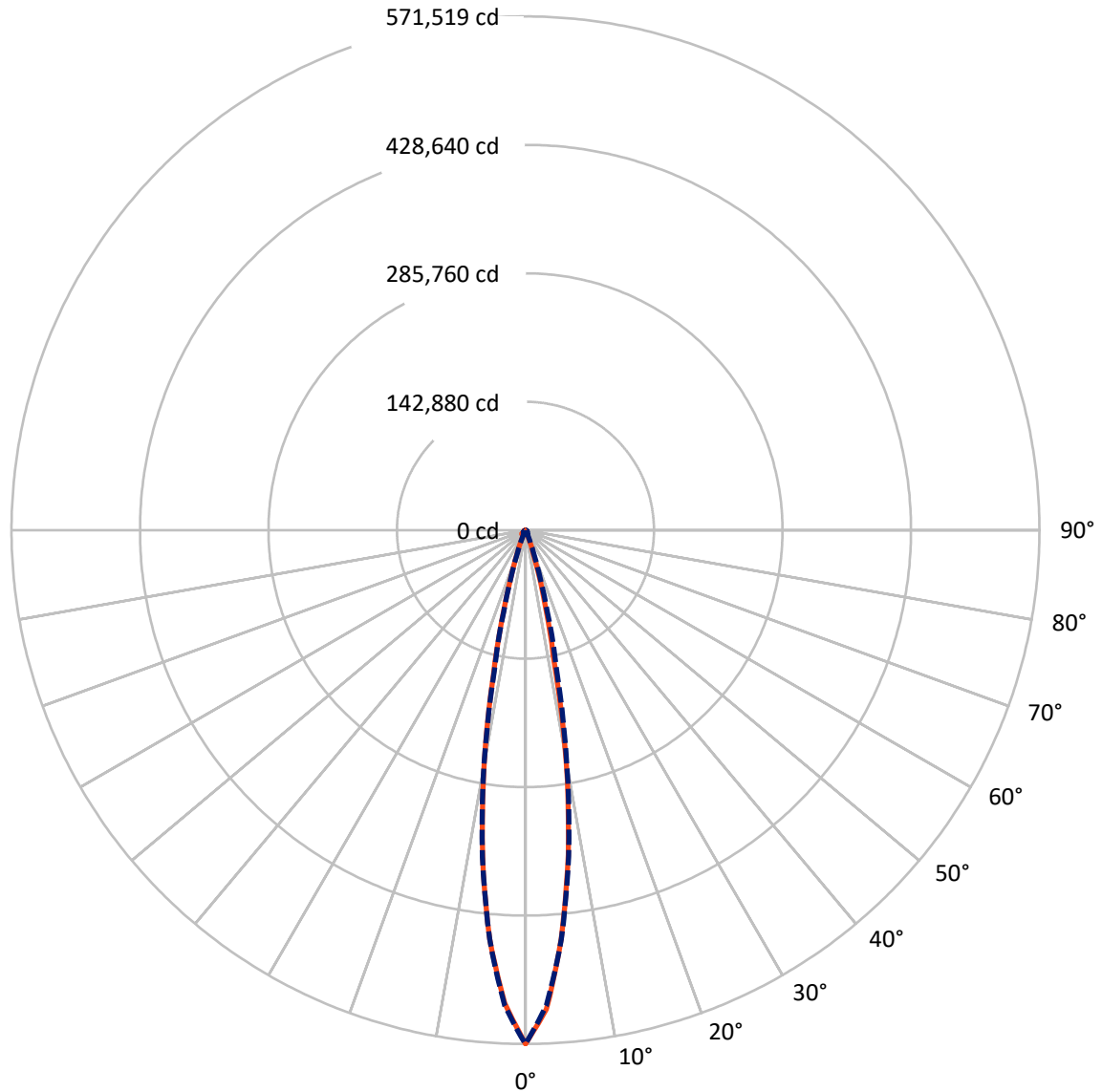
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Lumen Table

90	0.3	1.0	1.9	2.6	2.9	2.6	1.9	1.0	0.3										
80	0.3	1.0	1.9	2.6	2.9	2.6	1.9	1.0	0.3										
70	0.3	0.2	0.3	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.6	0.5	0.3	0.2	0.3			
60		0.5	0.9	1.0	0.9	0.8	1.0	1.1	1.1	1.0	0.8	0.9	1.0	0.9	0.5				
50	1.1	1.3	2.8	5.5	8.5	14.7	22.3	24.7	24.7	22.3	14.7	8.5	5.5	2.8	1.3	1.1			
40		2.9	8.1	14.7	30.8	50.4	56.4	59.2	59.2	56.4	50.4	30.8	14.7	8.1	2.9				
30	2.4	4.8	13.3	27.2	64.8	68.8	83.4	138.1	138.1	83.4	68.8	64.8	27.2	13.3	4.8	2.4			
20		6.6	17.1	48.5	85.9	101.4	631.3	2515.5	2515.5	631.3	101.4	85.9	48.5	17.1	6.6				
10	3.7	8.1	20.0	64.2	95.8	189.1	2550.6	10611.7	10611.7	2550.6	189.1	95.8	64.2	20.0	8.1	3.7			
0		9.0	22.4	68.6	106.5	211.5	2681.4	10560.6	10560.6	2681.4	211.5	106.5	68.6	22.4	9.0				
-10	4.2	9.4	24.0	67.7	118.0	145.4	744.5	2725.7	2725.7	744.5	145.4	118.0	67.7	24.0	9.4	4.2			
-20		9.0	24.3	52.4	120.2	147.2	160.7	249.5	249.5	160.7	147.2	120.2	52.4	24.3	9.0				
-30	4.0	8.1	22.7	41.8	88.1	148.0	166.3	168.2	168.2	166.3	148.0	88.1	41.8	22.7	8.1	4.0			
-40		6.8	18.6	36.5	54.6	82.5	122.2	152.4	152.4	122.2	82.5	54.6	36.5	18.6	6.8				
-50	3.4	5.3	13.5	26.6	42.4	55.3	64.5	70.4	70.4	64.5	55.3	42.4	26.6	13.5	5.3	3.4			
-60		4.2	8.8	16.2	25.7	34.5	42.0	47.0	47.0	42.0	34.5	25.7	16.2	8.8	4.2				
-70	2.3	15.9	37.9	59.6	71.2	59.6	37.9	15.9	2.3							2.3			
-80		15.9	37.9	59.6	71.2	59.6	37.9	15.9	2.3										
-90	2.3	15.9	37.9	59.6	71.2	59.6	37.9	15.9	2.3										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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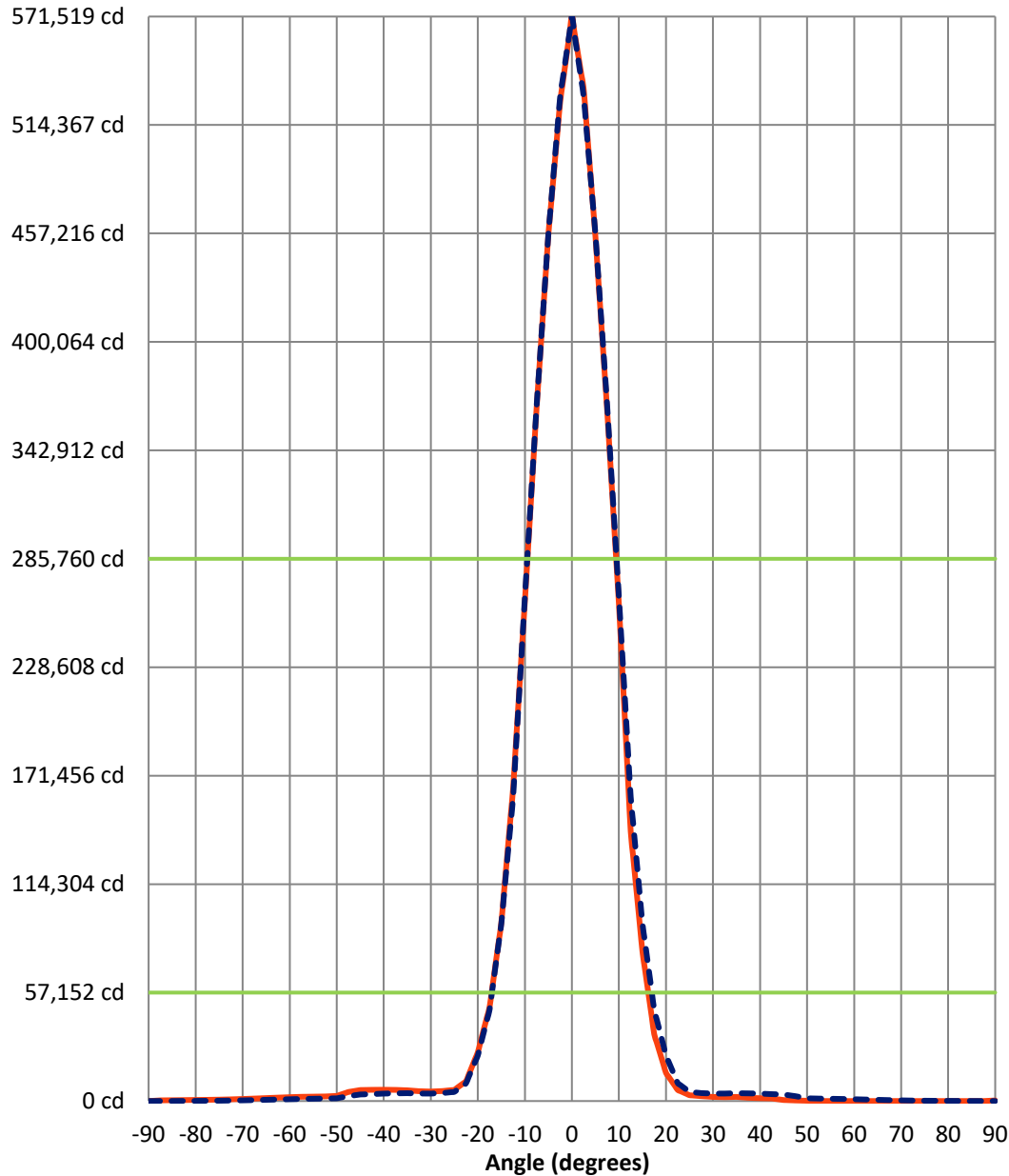
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 19°
 V Angle: 18.9°
 Lumens: 33393.3
 Efficiency: 44.3%

Field:
 H Angle: 34°
 V Angle: 33.3°
 Lumens: 60820.7
 Efficiency: 80.7%

Spill:
 Lumens: 14511
 Efficiency: 19.3%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	8.2	21.8	35.5	53.2	70.9	88.7	106.4	119.0	131.7	144.3	156.9
87.5°	8.2	7.1	5.7	5.8	5.7	5.6	5.5	5.5	5.5	5.5	5.5
85°	8.2	7.3	6.0	6.0	6.0	5.8	5.5	5.5	5.5	5.5	5.5
82.5°	8.2	7.6	6.2	6.3	6.2	6.0	5.5	5.5	5.5	5.6	5.5
80°	8.2	7.8	6.5	6.6	6.5	6.1	5.6	5.9	6.0	5.9	5.6
77.5°	8.2	8.1	6.8	6.8	6.7	6.6	6.4	6.5	6.5	6.2	5.8
75°	8.2	8.3	7.1	7.1	7.1	7.5	7.2	7.2	7.1	7.1	6.5
72.5°	8.2	8.6	7.4	7.4	8.1	8.5	8.1	8.1	8.4	8.2	7.4
70°	8.2	8.9	7.7	7.8	9.1	9.5	9.1	9.5	9.8	9.4	8.9
67.5°	8.2	9.1	8.1	8.7	10.1	10.6	10.9	11.0	11.2	11.6	10.7
65°	8.2	9.4	8.5	9.6	11.2	12.1	12.7	12.6	13.8	14.0	13.2
62.5°	8.2	9.7	8.9	10.5	12.2	14.1	14.7	14.9	16.5	16.8	16.7
60°	8.2	9.9	9.3	11.5	13.3	16.1	16.9	17.7	19.3	20.7	20.6
57.5°	8.2	10.2	10.2	12.4	15.2	18.3	20.2	20.8	23.2	24.9	27.2
55°	8.2	10.5	11.2	13.3	17.2	20.5	23.9	24.6	27.5	30.3	35.7
52.5°	8.2	10.8	12.2	14.3	19.2	23.0	27.7	29.7	31.9	39.5	45.0
50°	8.2	11.1	13.2	15.2	21.2	26.6	31.8	35.4	38.0	49.3	59.8
47.5°	8.2	11.4	14.2	16.3	23.2	30.4	36.3	41.5	47.5	59.6	76.3
45°	8.2	11.7	15.3	17.9	25.3	34.2	42.0	48.1	59.3	75.7	93.8
42.5°	8.2	12.0	16.4	19.4	27.4	38.1	48.0	57.3	71.7	92.6	119.9
40°	8.2	12.3	17.5	21.5	30.1	42.1	54.3	68.4	86.2	110.4	149.3
37.5°	8.2	12.6	18.7	24.0	33.2	46.2	60.7	79.8	104.2	133.5	180.5
35°	8.2	12.8	19.9	26.4	36.3	51.1	67.4	91.5	122.6	162.5	215.7
32.5°	8.2	13.1	21.1	28.9	39.5	56.3	75.0	103.3	141.4	190.9	252.4
30°	8.2	13.4	22.3	31.5	42.6	61.7	84.6	116.1	160.4	218.6	287.5
27.5°	8.2	13.7	23.5	34.0	47.0	67.0	94.1	131.7	181.1	245.7	321.0
25°	8.2	14.0	24.7	36.6	51.5	72.3	103.6	147.2	203.9	273.5	353.1
22.5°	8.2	14.3	25.9	39.1	56.0	77.9	112.9	162.5	225.8	300.7	388.3
20°	8.2	14.6	27.1	41.7	60.4	84.4	122.0	177.5	246.8	326.4	421.7
17.5°	8.2	14.8	28.3	44.2	64.8	90.7	131.1	192.1	266.7	350.4	452.9
15°	8.2	15.1	29.4	46.7	69.0	96.7	139.9	205.5	285.6	372.8	482.1
12.5°	8.2	15.3	30.6	49.1	73.2	102.4	148.2	217.2	302.8	393.4	509.0
10°	8.2	15.6	31.7	51.5	77.2	107.9	156.0	228.0	318.4	416.0	536.6
7.5°	8.2	15.8	32.7	53.8	81.0	113.1	163.3	237.7	333.0	438.1	568.9
5°	8.2	16.0	33.7	56.0	84.7	118.1	169.9	246.4	346.2	458.8	599.1
2.5°	8.2	16.2	34.6	58.0	88.2	122.6	176.0	254.0	358.0	478.0	627.0
0°	8.2	16.4	35.5	60.0	91.4	126.9	181.4	260.6	368.3	495.2	652.1
-2.5°	8.2	17.2	37.4	63.2	95.5	132.2	187.8	269.5	380.3	508.5	666.1
-5°	8.2	18.0	39.3	66.2	99.3	137.1	193.6	277.2	390.6	519.4	676.9
-7.5°	8.2	18.7	41.0	69.0	102.9	141.6	198.7	283.7	398.8	528.1	684.5
-10°	8.2	19.5	42.7	71.7	106.2	145.8	203.2	288.9	405.0	534.4	688.9
-12.5°	8.2	20.2	44.3	74.2	109.3	149.5	206.9	292.6	409.0	538.6	693.6
-15°	8.2	20.8	45.7	76.5	112.1	152.8	209.8	294.9	411.3	542.5	696.3
-17.5°	8.2	21.5	47.1	78.6	114.6	155.8	212.1	296.6	412.1	543.6	695.2
-20°	8.2	22.1	48.3	80.5	116.9	158.2	214.0	297.5	410.7	541.9	690.2



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 CATALOG NUMBER: EPH-08-530N-40-70-1S-VHE-A

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	8.2	22.7	49.4	82.2	118.9	160.3	215.8	296.7	407.0	537.4	681.3
-25°	8.2	23.2	50.3	83.6	120.6	162.3	216.7	294.2	401.1	530.1	668.5
-27.5°	8.2	23.7	51.1	84.8	122.1	163.9	216.7	290.1	393.0	520.5	657.6
-30°	8.2	24.2	51.8	85.8	123.3	165.0	215.8	284.2	385.3	509.2	643.7
-32.5°	8.2	24.6	52.3	86.6	124.3	165.6	213.9	281.0	377.2	495.2	626.4
-35°	8.2	25.0	52.7	87.1	124.9	165.7	213.2	277.9	367.0	478.6	605.9
-37.5°	8.2	25.3	53.0	87.4	125.2	165.5	212.8	273.7	354.6	459.4	584.6
-40°	8.2	25.6	53.0	87.4	125.1	165.5	211.6	268.2	340.1	441.7	560.3
-42.5°	8.2	25.8	53.0	87.2	124.7	165.0	209.9	261.6	329.6	422.5	532.1
-45°	8.2	26.0	52.7	86.7	124.1	164.0	207.4	255.9	320.6	400.7	501.2
-47.5°	8.2	26.2	52.4	86.0	123.1	162.6	204.3	252.2	310.2	376.7	473.7
-50°	8.2	26.3	51.8	85.1	121.7	160.6	201.7	247.6	297.5	361.9	443.4
-52.5°	8.2	26.3	51.2	84.0	120.0	158.3	198.7	242.3	288.4	345.4	411.8
-55°	8.2	26.3	50.3	82.7	118.0	155.5	195.1	236.4	280.4	327.1	390.7
-57.5°	8.2	26.3	49.4	81.2	115.6	152.4	191.0	231.4	271.7	314.9	367.5
-60°	8.2	26.2	48.3	79.4	112.9	148.8	186.3	225.2	262.6	303.9	346.6
-62.5°	8.2	26.0	47.8	77.4	110.0	144.7	181.2	218.3	254.3	292.0	333.0
-65°	8.2	25.9	47.2	75.2	106.8	140.3	175.5	210.8	245.3	281.0	318.5
-67.5°	8.2	25.6	46.4	72.7	103.3	135.5	169.3	202.6	235.7	269.7	304.7
-70°	8.2	25.4	45.6	70.1	99.5	130.3	162.6	193.9	225.1	257.6	290.7
-72.5°	8.2	25.0	44.6	68.3	95.4	124.8	155.5	184.6	213.9	244.3	275.8
-75°	8.2	24.7	43.6	66.6	91.1	119.0	148.0	174.8	202.1	230.3	259.4
-77.5°	8.2	24.3	42.4	64.7	87.9	112.8	140.0	164.6	189.5	215.5	242.3
-80°	8.2	23.9	41.2	62.6	84.9	107.8	131.7	153.9	176.5	199.9	224.1
-82.5°	8.2	23.4	39.9	60.5	81.6	103.3	125.5	143.9	163.0	183.8	205.2
-85°	8.2	22.9	38.5	58.2	78.2	98.6	119.4	135.9	152.7	169.9	187.5
-87.5°	8.2	22.4	37.0	55.8	74.7	93.8	113.0	127.5	142.3	157.2	172.3
-90°	8.2	6.9	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	168.8	180.8	192.7	204.6	213.5	222.4	231.2	240.1	247.6	255.1	262.6
87.5°	5.2	4.8	4.5	4.1	4.1	4.1	4.1	4.1	3.8	3.4	3.1
85°	5.2	4.8	4.5	4.1	4.1	4.1	4.1	4.1	3.8	3.4	3.1
82.5°	5.2	4.8	4.5	4.1	4.1	4.1	4.1	4.1	3.9	3.6	3.5
80°	5.2	4.9	4.7	4.6	4.6	4.5	4.4	4.2	4.1	4.1	4.2
77.5°	5.6	5.5	5.5	5.4	5.2	5.0	4.9	4.9	4.9	4.7	4.5
75°	6.2	6.2	6.1	5.7	5.4	5.4	5.5	5.5	5.3	4.9	4.6
72.5°	7.1	7.1	6.7	6.0	5.8	5.9	5.8	5.7	6.0	6.8	7.4
70°	8.2	8.0	7.8	7.2	6.5	6.8	7.9	9.0	9.9	11.6	14.0
67.5°	9.6	10.0	9.7	9.0	8.9	10.2	11.5	15.8	20.6	23.2	24.2
65°	12.1	12.3	12.9	13.2	12.3	16.1	21.1	26.7	32.1	33.1	32.3
62.5°	15.0	16.6	17.7	18.8	20.2	24.0	29.7	35.4	41.3	39.6	34.1
60°	20.8	21.7	24.8	28.0	29.1	31.2	37.4	40.6	42.5	41.4	32.2
57.5°	27.9	29.5	34.8	38.5	39.6	37.2	39.5	41.6	41.4	36.4	27.9
55°	37.9	39.8	46.4	51.2	50.9	42.0	41.5	43.4	40.3	35.4	27.6
52.5°	52.2	53.3	60.6	65.8	63.9	54.7	48.0	51.1	50.6	44.3	37.6
50°	67.9	74.0	76.8	84.0	83.5	76.0	63.5	69.8	80.7	78.7	69.2
47.5°	90.3	98.2	98.5	107.2	111.3	117.8	107.2	120.5	136.8	170.1	159.4
45°	117.1	130.2	131.1	139.3	159.9	184.7	194.7	193.8	276.2	305.9	327.6
42.5°	146.7	167.6	176.4	175.9	242.1	279.8	301.1	369.2	431.8	450.7	460.9
40°	184.2	209.4	228.5	271.3	339.9	391.9	445.7	518.4	552.5	555.9	556.0
37.5°	225.4	262.0	292.9	365.7	453.2	511.0	577.8	609.0	632.7	634.0	660.9
35°	269.4	318.7	375.9	457.1	553.4	619.0	657.6	685.9	698.8	728.5	858.9
32.5°	320.0	379.4	454.0	544.4	636.4	703.3	726.3	750.7	782.1	870.2	1253.2
30°	371.0	447.8	528.3	625.5	718.8	765.9	790.2	820.8	870.2	1213.9	1744.6
27.5°	414.2	511.9	599.7	701.0	796.3	828.9	857.1	902.9	1112.7	1595.0	2332.3
25°	455.6	562.8	665.7	775.6	854.4	890.5	925.9	988.0	1397.7	2161.9	2665.1
22.5°	497.0	614.3	725.5	849.3	912.4	949.8	1004.2	1236.5	1809.5	2728.3	2964.8
20°	539.6	665.7	785.0	908.9	968.0	1006.9	1081.7	1518.0	2312.8	2970.0	3189.0
17.5°	581.3	715.2	840.9	950.9	1012.2	1067.3	1185.7	1801.0	2765.9	3208.4	3360.9
15°	621.8	762.6	891.8	991.5	1056.3	1132.3	1430.0	2177.5	3059.8	3422.4	3567.3
12.5°	660.6	807.5	937.7	1030.5	1100.4	1196.8	1685.6	2549.7	3256.5	3591.0	3729.7
10°	697.3	849.7	978.9	1067.7	1143.9	1259.8	1943.4	2863.9	3418.9	3704.9	3810.7
7.5°	731.9	886.1	1015.8	1102.9	1186.3	1320.5	2193.4	3123.1	3547.0	3801.6	3866.7
5°	762.2	915.8	1049.8	1140.8	1228.9	1374.3	2407.5	3330.5	3646.4	3882.0	3924.5
2.5°	788.2	941.5	1080.6	1177.4	1270.0	1417.1	2510.9	3414.7	3659.0	3917.5	3984.5
0°	810.3	963.1	1107.7	1211.4	1308.2	1454.2	2570.1	3458.2	3643.7	3927.5	4047.5
-2.5°	828.4	992.5	1146.4	1247.2	1344.8	1489.4	2565.8	3491.9	3682.1	4017.8	4289.6
-5°	842.6	1017.3	1180.5	1280.3	1378.3	1519.5	2519.7	3482.3	3734.4	4097.7	4438.7
-7.5°	852.8	1036.7	1209.3	1311.5	1411.2	1553.9	2486.8	3524.0	3886.6	4192.6	4499.1
-10°	859.6	1049.5	1226.8	1340.6	1444.5	1587.8	2416.0	3506.5	4028.9	4287.7	4557.1
-12.5°	867.5	1056.7	1238.1	1366.0	1473.4	1614.5	2290.9	3422.7	4160.7	4390.3	4613.9
-15°	870.7	1059.1	1244.0	1387.4	1497.8	1633.6	2109.4	3267.7	4248.7	4446.0	4650.2
-17.5°	869.2	1056.8	1244.6	1404.5	1517.4	1644.6	1869.6	2980.5	4110.4	4467.9	4683.9
-20°	862.8	1049.8	1239.6	1417.1	1532.1	1658.3	1831.0	2650.3	3732.6	4451.5	4708.1



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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°	851.6	1038.2	1228.1	1410.0	1548.5	1675.8	1832.9	2307.9	3286.9	4396.1	4710.0
-25°	837.0	1021.7	1210.3	1402.4	1562.9	1687.5	1827.3	2008.9	2845.6	3916.5	4662.9
-27.5°	819.3	999.6	1192.8	1388.0	1574.5	1695.2	1828.6	1994.7	2456.4	3362.5	4483.7
-30°	797.1	974.8	1168.3	1365.4	1558.3	1703.4	1829.0	1961.8	2132.3	2862.8	3829.1
-32.5°	772.0	944.6	1136.1	1332.1	1528.1	1708.9	1818.5	1938.7	2085.3	2347.7	3173.2
-35°	746.7	913.5	1096.7	1291.0	1489.9	1676.3	1809.4	1917.1	2037.2	2196.9	2573.7
-37.5°	722.1	877.2	1050.5	1241.7	1436.9	1617.6	1792.7	1899.1	2009.2	2121.5	2278.3
-40°	693.1	835.9	1003.5	1184.4	1367.9	1548.2	1721.9	1880.8	1981.9	2079.3	2180.9
-42.5°	659.9	798.8	952.6	1118.1	1291.3	1466.4	1642.8	1809.8	1951.8	2038.9	2131.6
-45°	624.1	757.2	898.1	1050.5	1207.9	1377.1	1547.1	1717.4	1869.2	2004.9	2087.8
-47.5°	583.9	711.2	846.0	977.7	1124.4	1280.1	1443.9	1604.1	1760.5	1904.8	2045.7
-50°	542.0	661.2	785.5	908.6	1039.5	1181.8	1332.4	1484.2	1634.1	1781.0	1919.6
-52.5°	504.7	606.5	721.2	838.1	957.2	1084.0	1217.8	1355.2	1499.0	1641.7	1770.6
-55°	464.3	557.1	652.8	763.1	876.2	990.3	1102.1	1225.9	1354.3	1488.7	1609.1
-57.5°	431.7	506.0	590.0	683.5	789.6	896.8	995.3	1094.9	1209.1	1328.4	1432.9
-60°	402.9	461.5	529.8	610.9	698.0	794.9	887.6	979.6	1071.8	1162.9	1261.7
-62.5°	374.9	425.8	479.4	540.9	617.9	692.3	774.0	859.0	944.0	1025.6	1104.7
-65°	357.9	393.5	439.1	489.3	539.5	604.4	670.5	735.8	810.8	884.6	956.9
-67.5°	339.7	373.2	407.2	444.2	490.3	532.9	575.2	634.3	692.7	748.1	804.9
-70°	322.5	352.4	383.9	416.0	447.0	478.5	517.2	555.5	593.2	633.9	682.7
-72.5°	305.0	332.6	360.9	389.7	417.7	443.8	469.9	496.1	526.9	560.0	592.3
-75°	286.1	312.0	337.9	364.2	388.4	411.5	435.0	458.8	482.1	505.2	528.4
-77.5°	266.1	289.5	313.3	337.5	358.9	379.3	399.9	420.7	441.2	461.4	481.5
-80°	245.3	266.3	287.5	308.9	327.4	345.5	363.6	381.8	399.8	417.6	435.2
-82.5°	223.5	241.9	260.5	279.4	295.2	310.7	326.1	341.5	356.7	371.9	387.0
-85°	202.4	217.1	233.0	249.0	262.3	275.4	288.5	301.6	314.2	326.8	339.3
-87.5°	185.7	199.1	212.4	225.6	236.0	246.4	256.7	267.0	276.7	286.4	296.1
-90°	5.2	4.8	4.5	4.1	4.1	4.1	4.1	4.1	3.8	3.4	3.1



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	270.1	275.2	280.4	285.5	290.6	295.0	299.5	303.9	308.3	311.0	313.8
87.5°	2.7	2.6	2.6	2.6	2.6	2.3	2.0	1.7	1.4	1.4	1.4
85°	2.7	2.7	2.7	2.7	2.7	2.4	2.1	1.7	1.4	1.4	1.4
82.5°	3.4	3.3	3.1	2.9	2.7	2.6	2.6	2.6	2.6	2.6	2.6
80°	4.1	3.8	3.5	3.1	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	4.2	3.8	3.5	3.1	2.8	2.7	2.7	2.7	2.7	2.7	2.7
75°	4.2	4.1	4.3	4.3	4.1	4.1	4.1	4.0	3.9	3.6	3.4
72.5°	8.1	8.4	8.3	8.6	8.6	8.9	9.2	9.4	9.4	9.5	9.5
70°	15.3	15.8	16.2	16.0	15.1	14.3	13.9	13.5	13.1	13.4	14.2
67.5°	23.4	21.7	20.9	19.8	17.6	15.7	14.6	13.4	12.2	11.6	11.5
65°	29.0	22.9	19.9	17.7	15.9	13.8	11.9	10.2	8.8	7.8	7.5
62.5°	27.5	19.6	15.5	13.1	10.9	9.0	7.4	6.3	5.4	5.0	5.0
60°	23.5	15.4	10.8	8.7	6.6	4.3	4.0	3.8	3.5	3.2	3.5
57.5°	21.0	13.8	8.4	8.2	7.1	5.1	4.5	4.5	3.8	2.7	3.1
55°	23.4	19.7	13.7	14.1	13.7	11.6	9.8	11.8	11.3	8.9	9.8
52.5°	35.1	40.2	32.8	30.5	41.6	41.3	32.3	44.1	50.6	49.5	50.5
50°	82.6	93.3	104.6	95.8	117.7	130.7	127.8	143.2	159.0	158.6	163.6
47.5°	195.8	225.4	228.6	234.5	259.5	291.1	316.9	335.0	344.3	340.4	343.1
45°	350.5	357.1	372.4	406.3	448.7	499.7	538.6	561.2	637.3	691.4	723.0
42.5°	464.5	485.3	522.8	612.3	677.8	828.4	1010.6	1081.3	1170.8	1216.3	1219.1
40°	578.9	631.7	786.7	949.6	1303.4	1566.4	1582.2	1693.7	1745.1	1688.5	1680.0
37.5°	767.8	964.1	1230.3	1606.8	1771.4	1842.9	1882.2	1896.4	1906.7	1897.3	1892.5
35°	1140.2	1481.5	1742.8	1865.6	1940.0	1942.3	1951.4	1950.2	1938.1	1931.7	1918.2
32.5°	1689.3	2014.9	2022.8	2013.3	2028.8	2020.0	2002.9	1995.0	1968.6	1952.7	1958.1
30°	2255.6	2257.4	2225.2	2150.6	2113.3	2101.9	2077.2	2056.8	2031.8	2035.5	2122.6
27.5°	2480.2	2452.6	2407.7	2343.3	2218.3	2193.8	2173.9	2165.3	2270.1	2365.7	2451.1
25°	2731.6	2660.2	2635.6	2579.4	2450.8	2308.4	2371.0	2469.5	2606.4	2748.9	2886.4
22.5°	2948.9	2897.5	2881.6	2860.7	2650.8	2589.4	2675.3	2837.3	3024.3	3272.0	3979.2
20°	3163.2	3107.6	3089.4	2984.6	2874.5	2889.7	3049.3	3331.8	3854.8	5733.8	8028.6
17.5°	3343.3	3285.7	3223.5	3101.3	3066.2	3219.4	3538.7	4530.9	6999.3	13167.3	19436.2
15°	3511.1	3435.5	3329.7	3249.5	3315.8	3601.0	4391.8	7772.3	15767.9	26120.9	39174.2
12.5°	3660.3	3544.5	3396.4	3354.7	3556.5	4036.8	7138.5	15251.3	27481.9	42231.0	72875.3
10°	3764.0	3614.0	3484.8	3556.6	3877.3	5166.7	10272.6	22865.2	40959.1	73947.5	112098.8
7.5°	3808.7	3672.8	3597.7	3751.8	4180.0	6635.2	15464.2	31622.8	57850.2	102208.1	163079.4
5°	3859.2	3765.5	3723.5	3945.1	4471.6	7831.7	19197.9	38992.5	75913.0	128750.8	207137.6
2.5°	3961.4	3872.0	3842.9	4114.7	4726.7	8947.2	22115.5	44722.1	87880.0	150899.1	246235.4
0°	4141.7	3956.1	3932.9	4198.9	4829.2	9455.1	24030.0	48177.4	93571.9	160375.8	265472.3
-2.5°	4284.8	4063.8	4019.6	4256.9	4874.4	9206.2	23835.8	48058.3	91249.7	157208.4	253255.9
-5°	4409.7	4188.0	4127.1	4347.5	4973.5	9197.0	22573.1	44096.3	81651.8	138141.7	213433.8
-7.5°	4520.9	4329.2	4238.9	4414.3	4986.6	8236.1	18257.9	36305.1	65266.4	107853.4	165195.4
-10°	4638.1	4490.9	4367.9	4485.2	4931.1	6553.1	12214.4	26170.1	46480.0	78214.0	117561.2
-12.5°	4772.0	4697.8	4517.1	4534.2	4856.1	5529.9	9027.6	18270.6	32269.3	49269.8	77791.1
-15°	4885.6	4882.3	4731.0	4682.9	4842.9	5275.0	6298.4	10146.2	19574.4	31671.6	45780.6
-17.5°	4909.4	5030.3	4972.4	4825.3	4834.8	5077.0	5498.8	6723.7	9832.4	17426.5	25821.2
-20°	4924.7	5182.9	5189.0	5069.6	4965.0	4938.0	5130.8	5488.1	6182.7	8748.9	12126.8



REPORT NUMBER: P1306136 (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°	4948.0	5193.4	5368.1	5335.1	5129.7	5009.6	4966.4	5101.7	5336.8	5667.9	6763.9
-25°	4959.0	5188.1	5438.1	5506.7	5420.6	5200.8	5036.3	4944.5	5027.6	5132.7	5347.1
-27.5°	4911.8	5179.9	5422.3	5625.5	5650.2	5506.4	5264.8	5068.7	4992.4	4920.2	5008.5
-30°	4833.2	5132.7	5386.2	5636.1	5736.1	5690.1	5563.5	5404.4	5218.7	5074.2	5023.4
-32.5°	4189.7	5062.1	5321.7	5538.3	5703.2	5750.3	5751.7	5666.4	5587.0	5475.6	5345.1
-35°	3451.8	4419.5	5264.1	5373.2	5524.4	5680.5	5796.5	5800.4	5791.1	5738.3	5683.3
-37.5°	2683.3	3585.1	4397.4	5047.6	5276.3	5460.0	5658.6	5792.8	5877.0	5861.8	5851.7
-40°	2336.1	2620.3	3380.2	4043.1	4599.1	5122.4	5337.5	5578.6	5772.5	5839.9	5885.5
-42.5°	2228.9	2350.5	2474.2	2976.4	3549.3	4053.2	4527.1	4979.0	5382.6	5611.1	5770.2
-45°	2170.1	2237.7	2313.5	2425.3	2522.0	2939.3	3363.9	3776.3	4279.7	4743.1	5145.0
-47.5°	2115.7	2168.6	2227.2	2284.8	2338.5	2414.3	2479.9	2597.0	2974.0	3354.2	3735.7
-50°	2028.1	2115.5	2164.1	2207.1	2245.1	2280.3	2310.6	2363.5	2426.1	2480.6	2535.8
-52.5°	1881.6	1980.1	2073.5	2144.3	2174.1	2203.3	2233.2	2273.3	2310.3	2344.2	2370.3
-55°	1717.4	1817.1	1911.3	1983.1	2047.5	2106.7	2159.5	2195.0	2229.7	2263.0	2288.4
-57.5°	1536.8	1638.4	1730.6	1799.4	1863.8	1923.6	1981.7	2037.6	2088.7	2134.8	2174.1
-60°	1354.0	1439.8	1523.0	1595.8	1662.2	1722.0	1779.5	1834.5	1884.8	1930.1	1969.4
-62.5°	1182.3	1261.7	1327.5	1387.1	1444.2	1499.5	1557.7	1611.2	1659.9	1704.3	1745.1
-65°	1027.4	1095.9	1145.7	1192.3	1236.4	1283.8	1335.0	1382.2	1425.2	1465.1	1501.9
-67.5°	868.2	927.5	971.3	1011.6	1049.2	1087.0	1127.9	1166.0	1201.2	1234.8	1266.2
-70°	729.9	771.3	801.8	832.7	866.1	900.2	935.4	967.5	996.4	1023.9	1049.3
-72.5°	623.6	649.0	670.5	696.9	720.7	746.1	772.3	796.5	818.6	840.2	860.4
-75°	551.7	570.3	587.8	604.2	619.4	637.6	656.5	674.3	691.1	706.8	721.7
-77.5°	501.6	516.1	528.1	539.5	550.3	564.4	579.2	593.6	607.6	619.4	630.4
-80°	452.7	464.4	474.6	484.5	494.0	506.2	518.6	530.6	542.4	553.1	563.4
-82.5°	402.0	411.5	420.2	428.7	436.8	447.1	457.4	467.3	476.9	485.8	494.4
-85°	351.7	358.9	365.7	372.3	378.8	387.2	395.5	403.6	411.6	417.3	422.9
-87.5°	305.8	311.2	316.3	321.4	326.4	332.4	338.5	344.5	350.5	354.3	358.1
-90°	2.7	2.4	2.1	1.7	1.4	1.4	1.4	1.4	1.4	1.4	1.4



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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°	316.5	319.2	318.6	317.9	318.6	319.2	316.5	313.8	311.0	308.3	303.9
87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
85°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.7
82.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6	2.6	2.6
80°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
77.5°	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
75°	3.1	2.7	2.7	2.7	2.7	2.7	3.1	3.4	3.6	3.9	4.0
72.5°	9.5	9.3	9.5	9.5	9.5	9.3	9.5	9.5	9.5	9.4	9.4
70°	15.2	16.1	16.3	16.4	16.3	16.1	15.2	14.2	13.4	13.1	13.5
67.5°	11.3	11.1	10.3	9.5	10.3	11.1	11.3	11.5	11.6	12.2	13.4
65°	7.2	7.0	6.8	6.8	6.8	7.0	7.2	7.5	7.8	8.8	10.2
62.5°	5.2	5.5	5.5	5.5	5.5	5.5	5.2	5.0	5.0	5.4	6.3
60°	3.7	4.1	4.1	4.1	4.1	4.1	3.7	3.5	3.2	3.5	3.8
57.5°	3.6	4.0	4.1	4.1	4.1	4.0	3.6	3.1	2.7	3.8	4.5
55°	10.4	10.6	10.3	9.5	10.3	10.6	10.4	9.8	8.9	11.3	11.8
52.5°	49.7	45.9	39.9	32.7	39.9	45.9	49.7	50.5	49.5	50.6	44.1
50°	173.1	177.8	173.7	161.0	173.7	177.8	173.1	163.6	158.6	159.0	143.2
47.5°	356.6	360.5	348.1	319.2	348.1	360.5	356.6	343.1	340.4	344.3	335.0
45°	746.5	740.7	676.5	542.9	676.5	740.7	746.5	723.0	691.4	637.3	561.2
42.5°	1287.4	1344.7	1378.5	1379.2	1378.5	1344.7	1287.4	1219.1	1216.3	1170.8	1081.3
40°	1666.3	1599.0	1525.6	1514.2	1525.6	1599.0	1666.3	1680.0	1688.5	1745.1	1693.7
37.5°	1881.0	1895.1	1887.0	1728.4	1887.0	1895.1	1881.0	1892.5	1897.3	1906.7	1896.4
35°	1949.4	2055.9	2165.6	2188.1	2165.6	2055.9	1949.4	1918.2	1931.7	1938.1	1950.2
32.5°	1982.4	2018.9	2028.9	2032.6	2028.9	2018.9	1982.4	1958.1	1952.7	1968.6	1995.0
30°	2162.8	2186.7	2183.2	2178.6	2183.2	2186.7	2162.8	2122.6	2035.5	2031.8	2056.8
27.5°	2491.4	2530.8	2548.5	2560.6	2548.5	2530.8	2491.4	2451.1	2365.7	2270.1	2165.3
25°	2961.7	3022.1	3063.5	3081.7	3063.5	3022.1	2961.7	2886.4	2748.9	2606.4	2469.5
22.5°	4795.9	5214.4	5628.6	5842.8	5628.6	5214.4	4795.9	3979.2	3272.0	3024.3	2837.3
20°	11972.6	13780.9	14606.7	14847.7	14606.7	13780.9	11972.6	8028.6	5733.8	3854.8	3331.8
17.5°	27881.6	34736.1	39320.7	35303.6	39320.7	34736.1	27881.6	19436.2	13167.3	6999.3	4530.9
15°	57067.3	74427.1	84141.2	78675.0	84141.2	74427.1	57067.3	39174.2	26120.9	15767.9	7772.3
12.5°	102818.8	129911.6	148108.1	142107.4	148108.1	129911.6	102818.8	72875.3	42231.0	27481.9	15251.3
10°	161834.6	216313.8	252589.4	261557.1	252589.4	216313.8	161834.6	112098.8	73947.5	40959.1	22865.2
7.5°	234852.9	302305.8	355549.4	363790.2	355549.4	302305.8	234852.9	163079.4	102208.1	57850.2	31622.8
5°	306286.5	385905.8	441304.8	455686.8	441304.8	385905.8	306286.5	207137.6	128750.8	75913.0	38992.5
2.5°	350623.2	437282.4	504013.5	533407.0	504013.5	437282.4	350623.2	246235.4	150899.1	87880.0	44722.1
0°	366448.3	456952.8	529356.0	571519.4	529356.0	456952.8	366448.3	265472.3	160375.8	93571.9	48177.4
-2.5°	354178.9	436139.1	497260.4	526571.0	497260.4	436139.1	354178.9	253255.9	157208.4	91249.7	48058.3
-5°	301660.4	383093.8	432823.2	456699.1	432823.2	383093.8	301660.4	213433.8	138141.7	81651.8	44096.3
-7.5°	235720.7	300898.3	343840.6	365562.2	343840.6	300898.3	235720.7	165195.4	107853.4	65266.4	36305.1
-10°	164933.7	216643.6	245590.2	263314.2	245590.2	216643.6	164933.7	117561.2	78214.0	46480.0	26170.1
-12.5°	107314.0	137412.2	153624.2	164979.9	153624.2	137412.2	107314.0	77791.1	49269.8	32269.3	18270.6
-15°	65146.0	79814.6	88616.4	94133.9	88616.4	79814.6	65146.0	45780.6	31671.6	19574.4	10146.2
-17.5°	36360.6	42661.0	47122.1	49590.7	47122.1	42661.0	36360.6	25821.2	17426.5	9832.4	6723.7
-20°	18042.2	22027.8	24645.8	25744.8	24645.8	22027.8	18042.2	12126.8	8748.9	6182.7	5488.1



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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°	8326.5	9391.2	10096.1	10431.9	10096.1	9391.2	8326.5	6763.9	5667.9	5336.8	5101.7
-25°	5555.5	5722.6	5845.3	5898.7	5845.3	5722.6	5555.5	5347.1	5132.7	5027.6	4944.5
-27.5°	5088.5	5177.0	5250.4	5279.4	5250.4	5177.0	5088.5	5008.5	4920.2	4992.4	5068.7
-30°	4984.5	4988.4	5009.1	5009.3	5009.1	4988.4	4984.5	5023.4	5074.2	5218.7	5404.4
-32.5°	5246.4	5188.9	5163.8	5190.7	5163.8	5188.9	5246.4	5345.1	5475.6	5587.0	5666.4
-35°	5646.7	5631.2	5632.5	5661.4	5632.5	5631.2	5646.7	5683.3	5738.3	5791.1	5800.4
-37.5°	5854.3	5866.5	5880.3	5883.7	5880.3	5866.5	5854.3	5851.7	5861.8	5877.0	5792.8
-40°	5911.9	5935.8	5953.8	5960.1	5953.8	5935.8	5911.9	5885.5	5839.9	5772.5	5578.6
-42.5°	5840.5	5888.0	5913.2	5919.2	5913.2	5888.0	5840.5	5770.2	5611.1	5382.6	4979.0
-45°	5436.7	5648.4	5768.2	5800.5	5768.2	5648.4	5436.7	5145.0	4743.1	4279.7	3776.3
-47.5°	4106.8	4439.1	4670.5	4777.4	4670.5	4439.1	4106.8	3735.7	3354.2	2974.0	2597.0
-50°	2593.6	2648.4	2689.3	2714.7	2689.3	2648.4	2593.6	2535.8	2480.6	2426.1	2363.5
-52.5°	2392.8	2412.9	2424.7	2429.6	2424.7	2412.9	2392.8	2370.3	2344.2	2310.3	2273.3
-55°	2310.1	2328.7	2336.9	2338.2	2336.9	2328.7	2310.1	2288.4	2263.0	2229.7	2195.0
-57.5°	2208.0	2236.4	2248.9	2250.9	2248.9	2236.4	2208.0	2174.1	2134.8	2088.7	2037.6
-60°	2002.8	2030.2	2043.8	2049.0	2043.8	2030.2	2002.8	1969.4	1930.1	1884.8	1834.5
-62.5°	1780.5	1810.4	1819.5	1818.5	1819.5	1810.4	1780.5	1745.1	1704.3	1659.9	1611.2
-65°	1534.1	1561.5	1569.4	1568.8	1569.4	1561.5	1534.1	1501.9	1465.1	1425.2	1382.2
-67.5°	1294.1	1318.3	1326.6	1328.7	1326.6	1318.3	1294.1	1266.2	1234.8	1201.2	1166.0
-70°	1071.5	1090.6	1095.3	1095.4	1095.3	1090.6	1071.5	1049.3	1023.9	996.4	967.5
-72.5°	878.8	895.3	898.0	897.6	898.0	895.3	878.8	860.4	840.2	818.6	796.5
-75°	735.7	748.7	749.2	747.6	749.2	748.7	735.7	721.7	706.8	691.1	674.3
-77.5°	640.7	650.4	652.4	653.4	652.4	650.4	640.7	630.4	619.4	607.6	593.6
-80°	573.2	582.5	582.2	581.1	582.2	582.5	573.2	563.4	553.1	542.4	530.6
-82.5°	502.7	510.6	510.7	510.2	510.7	510.6	502.7	494.4	485.8	476.9	467.3
-85°	428.2	433.2	433.0	432.4	433.0	433.2	428.2	422.9	417.3	411.6	403.6
-87.5°	361.8	365.4	365.6	365.6	365.6	365.4	361.8	358.1	354.3	350.5	344.5
-90°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	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°	299.5	295.0	290.6	285.5	280.4	275.2	270.1	262.6	255.1	247.6	240.1
87.5°	2.0	2.3	2.6	2.6	2.6	2.6	2.7	3.1	3.4	3.8	4.1
85°	2.1	2.4	2.7	2.7	2.7	2.7	2.7	3.1	3.4	3.8	4.1
82.5°	2.6	2.6	2.7	2.9	3.1	3.3	3.4	3.5	3.6	3.9	4.1
80°	2.7	2.7	2.7	3.1	3.5	3.8	4.1	4.2	4.1	4.1	4.2
77.5°	2.7	2.7	2.8	3.1	3.5	3.8	4.2	4.5	4.7	4.9	4.9
75°	4.1	4.1	4.1	4.3	4.3	4.1	4.2	4.6	4.9	5.3	5.5
72.5°	9.2	8.9	8.6	8.6	8.3	8.4	8.1	7.4	6.8	6.0	5.7
70°	13.9	14.3	15.1	16.0	16.2	15.8	15.3	14.0	11.6	9.9	9.0
67.5°	14.6	15.7	17.6	19.8	20.9	21.7	23.4	24.2	23.2	20.6	15.8
65°	11.9	13.8	15.9	17.7	19.9	22.9	29.0	32.3	33.1	32.1	26.7
62.5°	7.4	9.0	10.9	13.1	15.5	19.6	27.5	34.1	39.6	41.3	35.4
60°	4.0	4.3	6.6	8.7	10.8	15.4	23.5	32.2	41.4	42.5	40.6
57.5°	4.5	5.1	7.1	8.2	8.4	13.8	21.0	27.9	36.4	41.4	41.6
55°	9.8	11.6	13.7	14.1	13.7	19.7	23.4	27.6	35.4	40.3	43.4
52.5°	32.3	41.3	41.6	30.5	32.8	40.2	35.1	37.6	44.3	50.6	51.1
50°	127.8	130.7	117.7	95.8	104.6	93.3	82.6	69.2	78.7	80.7	69.8
47.5°	316.9	291.1	259.5	234.5	228.6	225.4	195.8	159.4	170.1	136.8	120.5
45°	538.6	499.7	448.7	406.3	372.4	357.1	350.5	327.6	305.9	276.2	193.8
42.5°	1010.6	828.4	677.8	612.3	522.8	485.3	464.5	460.9	450.7	431.8	369.2
40°	1582.2	1566.4	1303.4	949.6	786.7	631.7	578.9	556.0	555.9	552.5	518.4
37.5°	1882.2	1842.9	1771.4	1606.8	1230.3	964.1	767.8	660.9	634.0	632.7	609.0
35°	1951.4	1942.3	1940.0	1865.6	1742.8	1481.5	1140.2	858.9	728.5	698.8	685.9
32.5°	2002.9	2020.0	2028.8	2013.3	2022.8	2014.9	1689.3	1253.2	870.2	782.1	750.7
30°	2077.2	2101.9	2113.3	2150.6	2225.2	2257.4	2255.6	1744.6	1213.9	870.2	820.8
27.5°	2173.9	2193.8	2218.3	2343.3	2407.7	2452.6	2480.2	2332.3	1595.0	1112.7	902.9
25°	2371.0	2308.4	2450.8	2579.4	2635.6	2660.2	2731.6	2665.1	2161.9	1397.7	988.0
22.5°	2675.3	2589.4	2650.8	2860.7	2881.6	2897.5	2948.9	2964.8	2728.3	1809.5	1236.5
20°	3049.3	2889.7	2874.5	2984.6	3089.4	3107.6	3163.2	3189.0	2970.0	2312.8	1518.0
17.5°	3538.7	3219.4	3066.2	3101.3	3223.5	3285.7	3343.3	3360.9	3208.4	2765.9	1801.0
15°	4391.8	3601.0	3315.8	3249.5	3329.7	3435.5	3511.1	3567.3	3422.4	3059.8	2177.5
12.5°	7138.5	4036.8	3556.5	3354.7	3396.4	3544.5	3660.3	3729.7	3591.0	3256.5	2549.7
10°	10272.6	5166.7	3877.3	3556.6	3484.8	3614.0	3764.0	3810.7	3704.9	3418.9	2863.9
7.5°	15464.2	6635.2	4180.0	3751.8	3597.7	3672.8	3808.7	3866.7	3801.6	3547.0	3123.1
5°	19197.9	7831.7	4471.6	3945.1	3723.5	3765.5	3859.2	3924.5	3882.0	3646.4	3330.5
2.5°	22115.5	8947.2	4726.7	4114.7	3842.9	3872.0	3961.4	3984.5	3917.5	3659.0	3414.7
0°	24030.0	9455.1	4829.2	4198.9	3932.9	3956.1	4141.7	4047.5	3927.5	3643.7	3458.2
-2.5°	23835.8	9206.2	4874.4	4256.9	4019.6	4063.8	4284.8	4289.6	4017.8	3682.1	3491.9
-5°	22573.1	9197.0	4973.5	4347.5	4127.1	4188.0	4409.7	4438.7	4097.7	3734.4	3482.3
-7.5°	18257.9	8236.1	4986.6	4414.3	4238.9	4329.2	4520.9	4499.1	4192.6	3886.6	3524.0
-10°	12214.4	6553.1	4931.1	4485.2	4367.9	4490.9	4638.1	4557.1	4287.7	4028.9	3506.5
-12.5°	9027.6	5529.9	4856.1	4534.2	4517.1	4697.8	4772.0	4613.9	4390.3	4160.7	3422.7
-15°	6298.4	5275.0	4842.9	4682.9	4731.0	4882.3	4885.6	4650.2	4446.0	4248.7	3267.7
-17.5°	5498.8	5077.0	4834.8	4825.3	4972.4	5030.3	4909.4	4683.9	4467.9	4110.4	2980.5
-20°	5130.8	4938.0	4965.0	5069.6	5189.0	5182.9	4924.7	4708.1	4451.5	3732.6	2650.3



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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°	4966.4	5009.6	5129.7	5335.1	5368.1	5193.4	4948.0	4710.0	4396.1	3286.9	2307.9
-25°	5036.3	5200.8	5420.6	5506.7	5438.1	5188.1	4959.0	4662.9	3916.5	2845.6	2008.9
-27.5°	5264.8	5506.4	5650.2	5625.5	5422.3	5179.9	4911.8	4483.7	3362.5	2456.4	1994.7
-30°	5563.5	5690.1	5736.1	5636.1	5386.2	5132.7	4833.2	3829.1	2862.8	2132.3	1961.8
-32.5°	5751.7	5750.3	5703.2	5538.3	5321.7	5062.1	4189.7	3173.2	2347.7	2085.3	1938.7
-35°	5796.5	5680.5	5524.4	5373.2	5264.1	4419.5	3451.8	2573.7	2196.9	2037.2	1917.1
-37.5°	5658.6	5460.0	5276.3	5047.6	4397.4	3585.1	2683.3	2278.3	2121.5	2009.2	1899.1
-40°	5337.5	5122.4	4599.1	4043.1	3380.2	2620.3	2336.1	2180.9	2079.3	1981.9	1880.8
-42.5°	4527.1	4053.2	3549.3	2976.4	2474.2	2350.5	2228.9	2131.6	2038.9	1951.8	1809.8
-45°	3363.9	2939.3	2522.0	2425.3	2313.5	2237.7	2170.1	2087.8	2004.9	1869.2	1717.4
-47.5°	2479.9	2414.3	2338.5	2284.8	2227.2	2168.6	2115.7	2045.7	1904.8	1760.5	1604.1
-50°	2310.6	2280.3	2245.1	2207.1	2164.1	2115.5	2028.1	1919.6	1781.0	1634.1	1484.2
-52.5°	2233.2	2203.3	2174.1	2144.3	2073.5	1980.1	1881.6	1770.6	1641.7	1499.0	1355.2
-55°	2159.5	2106.7	2047.5	1983.1	1911.3	1817.1	1717.4	1609.1	1488.7	1354.3	1225.9
-57.5°	1981.7	1923.6	1863.8	1799.4	1730.6	1638.4	1536.8	1432.9	1328.4	1209.1	1094.9
-60°	1779.5	1722.0	1662.2	1595.8	1523.0	1439.8	1354.0	1261.7	1162.9	1071.8	979.6
-62.5°	1557.7	1499.5	1444.2	1387.1	1327.5	1261.7	1182.3	1104.7	1025.6	944.0	859.0
-65°	1335.0	1283.8	1236.4	1192.3	1145.7	1095.9	1027.4	956.9	884.6	810.8	735.8
-67.5°	1127.9	1087.0	1049.2	1011.6	971.3	927.5	868.2	804.9	748.1	692.7	634.3
-70°	935.4	900.2	866.1	832.7	801.8	771.3	729.9	682.7	633.9	593.2	555.5
-72.5°	772.3	746.1	720.7	696.9	670.5	649.0	623.6	592.3	560.0	526.9	496.1
-75°	656.5	637.6	619.4	604.2	587.8	570.3	551.7	528.4	505.2	482.1	458.8
-77.5°	579.2	564.4	550.3	539.5	528.1	516.1	501.6	481.5	461.4	441.2	420.7
-80°	518.6	506.2	494.0	484.5	474.6	464.4	452.7	435.2	417.6	399.8	381.8
-82.5°	457.4	447.1	436.8	428.7	420.2	411.5	402.0	387.0	371.9	356.7	341.5
-85°	395.5	387.2	378.8	372.3	365.7	358.9	351.7	339.3	326.8	314.2	301.6
-87.5°	338.5	332.4	326.4	321.4	316.3	311.2	305.8	296.1	286.4	276.7	267.0
-90°	1.4	1.4	1.4	1.7	2.1	2.4	2.7	3.1	3.4	3.8	4.1



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	231.2	222.4	213.5	204.6	192.7	180.8	168.8	156.9	144.3	131.7	119.0
87.5°	4.1	4.1	4.1	4.1	4.5	4.8	5.2	5.5	5.5	5.5	5.5
85°	4.1	4.1	4.1	4.1	4.5	4.8	5.2	5.5	5.5	5.5	5.5
82.5°	4.1	4.1	4.1	4.1	4.5	4.8	5.2	5.5	5.6	5.5	5.5
80°	4.4	4.5	4.6	4.6	4.7	4.9	5.2	5.6	5.9	6.0	5.9
77.5°	4.9	5.0	5.2	5.4	5.5	5.5	5.6	5.8	6.2	6.5	6.5
75°	5.5	5.4	5.4	5.7	6.1	6.2	6.2	6.5	7.1	7.1	7.2
72.5°	5.8	5.9	5.8	6.0	6.7	7.1	7.1	7.4	8.2	8.4	8.1
70°	7.9	6.8	6.5	7.2	7.8	8.0	8.2	8.9	9.4	9.8	9.5
67.5°	11.5	10.2	8.9	9.0	9.7	10.0	9.6	10.7	11.6	11.2	11.0
65°	21.1	16.1	12.3	13.2	12.9	12.3	12.1	13.2	14.0	13.8	12.6
62.5°	29.7	24.0	20.2	18.8	17.7	16.6	15.0	16.7	16.8	16.5	14.9
60°	37.4	31.2	29.1	28.0	24.8	21.7	20.8	20.6	20.7	19.3	17.7
57.5°	39.5	37.2	39.6	38.5	34.8	29.5	27.9	27.2	24.9	23.2	20.8
55°	41.5	42.0	50.9	51.2	46.4	39.8	37.9	35.7	30.3	27.5	24.6
52.5°	48.0	54.7	63.9	65.8	60.6	53.3	52.2	45.0	39.5	31.9	29.7
50°	63.5	76.0	83.5	84.0	76.8	74.0	67.9	59.8	49.3	38.0	35.4
47.5°	107.2	117.8	111.3	107.2	98.5	98.2	90.3	76.3	59.6	47.5	41.5
45°	194.7	184.7	159.9	139.3	131.1	130.2	117.1	93.8	75.7	59.3	48.1
42.5°	301.1	279.8	242.1	175.9	176.4	167.6	146.7	119.9	92.6	71.7	57.3
40°	445.7	391.9	339.9	271.3	228.5	209.4	184.2	149.3	110.4	86.2	68.4
37.5°	577.8	511.0	453.2	365.7	292.9	262.0	225.4	180.5	133.5	104.2	79.8
35°	657.6	619.0	553.4	457.1	375.9	318.7	269.4	215.7	162.5	122.6	91.5
32.5°	726.3	703.3	636.4	544.4	454.0	379.4	320.0	252.4	190.9	141.4	103.3
30°	790.2	765.9	718.8	625.5	528.3	447.8	371.0	287.5	218.6	160.4	116.1
27.5°	857.1	828.9	796.3	701.0	599.7	511.9	414.2	321.0	245.7	181.1	131.7
25°	925.9	890.5	854.4	775.6	665.7	562.8	455.6	353.1	273.5	203.9	147.2
22.5°	1004.2	949.8	912.4	849.3	725.5	614.3	497.0	388.3	300.7	225.8	162.5
20°	1081.7	1006.9	968.0	908.9	785.0	665.7	539.6	421.7	326.4	246.8	177.5
17.5°	1185.7	1067.3	1012.2	950.9	840.9	715.2	581.3	452.9	350.4	266.7	192.1
15°	1430.0	1132.3	1056.3	991.5	891.8	762.6	621.8	482.1	372.8	285.6	205.5
12.5°	1685.6	1196.8	1100.4	1030.5	937.7	807.5	660.6	509.0	393.4	302.8	217.2
10°	1943.4	1259.8	1143.9	1067.7	978.9	849.7	697.3	536.6	416.0	318.4	228.0
7.5°	2193.4	1320.5	1186.3	1102.9	1015.8	886.1	731.9	568.9	438.1	333.0	237.7
5°	2407.5	1374.3	1228.9	1140.8	1049.8	915.8	762.2	599.1	458.8	346.2	246.4
2.5°	2510.9	1417.1	1270.0	1177.4	1080.6	941.5	788.2	627.0	478.0	358.0	254.0
0°	2570.1	1454.2	1308.2	1211.4	1107.7	963.1	810.3	652.1	495.2	368.3	260.6
-2.5°	2565.8	1489.4	1344.8	1247.2	1146.4	992.5	828.4	666.1	508.5	380.3	269.5
-5°	2519.7	1519.5	1378.3	1280.3	1180.5	1017.3	842.6	676.9	519.4	390.6	277.2
-7.5°	2486.8	1553.9	1411.2	1311.5	1209.3	1036.7	852.8	684.5	528.1	398.8	283.7
-10°	2416.0	1587.8	1444.5	1340.6	1226.8	1049.5	859.6	688.9	534.4	405.0	288.9
-12.5°	2290.9	1614.5	1473.4	1366.0	1238.1	1056.7	867.5	693.6	538.6	409.0	292.6
-15°	2109.4	1633.6	1497.8	1387.4	1244.0	1059.1	870.7	696.3	542.5	411.3	294.9
-17.5°	1869.6	1644.6	1517.4	1404.5	1244.6	1056.8	869.2	695.2	543.6	412.1	296.6
-20°	1831.0	1658.3	1532.1	1417.1	1239.6	1049.8	862.8	690.2	541.9	410.7	297.5



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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°	1832.9	1675.8	1548.5	1410.0	1228.1	1038.2	851.6	681.3	537.4	407.0	296.7
-25°	1827.3	1687.5	1562.9	1402.4	1210.3	1021.7	837.0	668.5	530.1	401.1	294.2
-27.5°	1828.6	1695.2	1574.5	1388.0	1192.8	999.6	819.3	657.6	520.5	393.0	290.1
-30°	1829.0	1703.4	1558.3	1365.4	1168.3	974.8	797.1	643.7	509.2	385.3	284.2
-32.5°	1818.5	1708.9	1528.1	1332.1	1136.1	944.6	772.0	626.4	495.2	377.2	281.0
-35°	1809.4	1676.3	1489.9	1291.0	1096.7	913.5	746.7	605.9	478.6	367.0	277.9
-37.5°	1792.7	1617.6	1436.9	1241.7	1050.5	877.2	722.1	584.6	459.4	354.6	273.7
-40°	1721.9	1548.2	1367.9	1184.4	1003.5	835.9	693.1	560.3	441.7	340.1	268.2
-42.5°	1642.8	1466.4	1291.3	1118.1	952.6	798.8	659.9	532.1	422.5	329.6	261.6
-45°	1547.1	1377.1	1207.9	1050.5	898.1	757.2	624.1	501.2	400.7	320.6	255.9
-47.5°	1443.9	1280.1	1124.4	977.7	846.0	711.2	583.9	473.7	376.7	310.2	252.2
-50°	1332.4	1181.8	1039.5	908.6	785.5	661.2	542.0	443.4	361.9	297.5	247.6
-52.5°	1217.8	1084.0	957.2	838.1	721.2	606.5	504.7	411.8	345.4	288.4	242.3
-55°	1102.1	990.3	876.2	763.1	652.8	557.1	464.3	390.7	327.1	280.4	236.4
-57.5°	995.3	896.8	789.6	683.5	590.0	506.0	431.7	367.5	314.9	271.7	231.4
-60°	887.6	794.9	698.0	610.9	529.8	461.5	402.9	346.6	303.9	262.6	225.2
-62.5°	774.0	692.3	617.9	540.9	479.4	425.8	374.9	333.0	292.0	254.3	218.3
-65°	670.5	604.4	539.5	489.3	439.1	393.5	357.9	318.5	281.0	245.3	210.8
-67.5°	575.2	532.9	490.3	444.2	407.2	373.2	339.7	304.7	269.7	235.7	202.6
-70°	517.2	478.5	447.0	416.0	383.9	352.4	322.5	290.7	257.6	225.1	193.9
-72.5°	469.9	443.8	417.7	389.7	360.9	332.6	305.0	275.8	244.3	213.9	184.6
-75°	435.0	411.5	388.4	364.2	337.9	312.0	286.1	259.4	230.3	202.1	174.8
-77.5°	399.9	379.3	358.9	337.5	313.3	289.5	266.1	242.3	215.5	189.5	164.6
-80°	363.6	345.5	327.4	308.9	287.5	266.3	245.3	224.1	199.9	176.5	153.9
-82.5°	326.1	310.7	295.2	279.4	260.5	241.9	223.5	205.2	183.8	163.0	143.9
-85°	288.5	275.4	262.3	249.0	233.0	217.1	202.4	187.5	169.9	152.7	135.9
-87.5°	256.7	246.4	236.0	225.6	212.4	199.1	185.7	172.3	157.2	142.3	127.5
-90°	4.1	4.1	4.1	4.1	4.5	4.8	5.2	5.5	5.5	5.5	5.5



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	106.4	88.7	70.9	53.2	35.5	21.8	8.2
87.5°	5.5	5.6	5.7	5.8	5.7	7.1	8.2
85°	5.5	5.8	6.0	6.0	6.0	7.3	8.2
82.5°	5.5	6.0	6.2	6.3	6.2	7.6	8.2
80°	5.6	6.1	6.5	6.6	6.5	7.8	8.2
77.5°	6.4	6.6	6.7	6.8	6.8	8.1	8.2
75°	7.2	7.5	7.1	7.1	7.1	8.3	8.2
72.5°	8.1	8.5	8.1	7.4	7.4	8.6	8.2
70°	9.1	9.5	9.1	7.8	7.7	8.9	8.2
67.5°	10.9	10.6	10.1	8.7	8.1	9.1	8.2
65°	12.7	12.1	11.2	9.6	8.5	9.4	8.2
62.5°	14.7	14.1	12.2	10.5	8.9	9.7	8.2
60°	16.9	16.1	13.3	11.5	9.3	9.9	8.2
57.5°	20.2	18.3	15.2	12.4	10.2	10.2	8.2
55°	23.9	20.5	17.2	13.3	11.2	10.5	8.2
52.5°	27.7	23.0	19.2	14.3	12.2	10.8	8.2
50°	31.8	26.6	21.2	15.2	13.2	11.1	8.2
47.5°	36.3	30.4	23.2	16.3	14.2	11.4	8.2
45°	42.0	34.2	25.3	17.9	15.3	11.7	8.2
42.5°	48.0	38.1	27.4	19.4	16.4	12.0	8.2
40°	54.3	42.1	30.1	21.5	17.5	12.3	8.2
37.5°	60.7	46.2	33.2	24.0	18.7	12.6	8.2
35°	67.4	51.1	36.3	26.4	19.9	12.8	8.2
32.5°	75.0	56.3	39.5	28.9	21.1	13.1	8.2
30°	84.6	61.7	42.6	31.5	22.3	13.4	8.2
27.5°	94.1	67.0	47.0	34.0	23.5	13.7	8.2
25°	103.6	72.3	51.5	36.6	24.7	14.0	8.2
22.5°	112.9	77.9	56.0	39.1	25.9	14.3	8.2
20°	122.0	84.4	60.4	41.7	27.1	14.6	8.2
17.5°	131.1	90.7	64.8	44.2	28.3	14.8	8.2
15°	139.9	96.7	69.0	46.7	29.4	15.1	8.2
12.5°	148.2	102.4	73.2	49.1	30.6	15.3	8.2
10°	156.0	107.9	77.2	51.5	31.7	15.6	8.2
7.5°	163.3	113.1	81.0	53.8	32.7	15.8	8.2
5°	169.9	118.1	84.7	56.0	33.7	16.0	8.2
2.5°	176.0	122.6	88.2	58.0	34.6	16.2	8.2
0°	181.4	126.9	91.4	60.0	35.5	16.4	8.2
-2.5°	187.8	132.2	95.5	63.2	37.4	17.2	8.2
-5°	193.6	137.1	99.3	66.2	39.3	18.0	8.2
-7.5°	198.7	141.6	102.9	69.0	41.0	18.7	8.2
-10°	203.2	145.8	106.2	71.7	42.7	19.5	8.2
-12.5°	206.9	149.5	109.3	74.2	44.3	20.2	8.2
-15°	209.8	152.8	112.1	76.5	45.7	20.8	8.2
-17.5°	212.1	155.8	114.6	78.6	47.1	21.5	8.2
-20°	214.0	158.2	116.9	80.5	48.3	22.1	8.2



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	215.8	160.3	118.9	82.2	49.4	22.7	8.2
-25°	216.7	162.3	120.6	83.6	50.3	23.2	8.2
-27.5°	216.7	163.9	122.1	84.8	51.1	23.7	8.2
-30°	215.8	165.0	123.3	85.8	51.8	24.2	8.2
-32.5°	213.9	165.6	124.3	86.6	52.3	24.6	8.2
-35°	213.2	165.7	124.9	87.1	52.7	25.0	8.2
-37.5°	212.8	165.5	125.2	87.4	53.0	25.3	8.2
-40°	211.6	165.5	125.1	87.4	53.0	25.6	8.2
-42.5°	209.9	165.0	124.7	87.2	53.0	25.8	8.2
-45°	207.4	164.0	124.1	86.7	52.7	26.0	8.2
-47.5°	204.3	162.6	123.1	86.0	52.4	26.2	8.2
-50°	201.7	160.6	121.7	85.1	51.8	26.3	8.2
-52.5°	198.7	158.3	120.0	84.0	51.2	26.3	8.2
-55°	195.1	155.5	118.0	82.7	50.3	26.3	8.2
-57.5°	191.0	152.4	115.6	81.2	49.4	26.3	8.2
-60°	186.3	148.8	112.9	79.4	48.3	26.2	8.2
-62.5°	181.2	144.7	110.0	77.4	47.8	26.0	8.2
-65°	175.5	140.3	106.8	75.2	47.2	25.9	8.2
-67.5°	169.3	135.5	103.3	72.7	46.4	25.6	8.2
-70°	162.6	130.3	99.5	70.1	45.6	25.4	8.2
-72.5°	155.5	124.8	95.4	68.3	44.6	25.0	8.2
-75°	148.0	119.0	91.1	66.6	43.6	24.7	8.2
-77.5°	140.0	112.8	87.9	64.7	42.4	24.3	8.2
-80°	131.7	107.8	84.9	62.6	41.2	23.9	8.2
-82.5°	125.5	103.3	81.6	60.5	39.9	23.4	8.2
-85°	119.4	98.6	78.2	58.2	38.5	22.9	8.2
-87.5°	113.0	93.8	74.7	55.8	37.0	22.4	8.2
-90°	5.5	5.5	5.5	5.5	5.5	6.9	8.2

(END OF REPORT)