

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: McGRAW-EDISON

Report Number: P559068 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5D-927-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P559068 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA5D-927-U-MR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (80) 2700K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

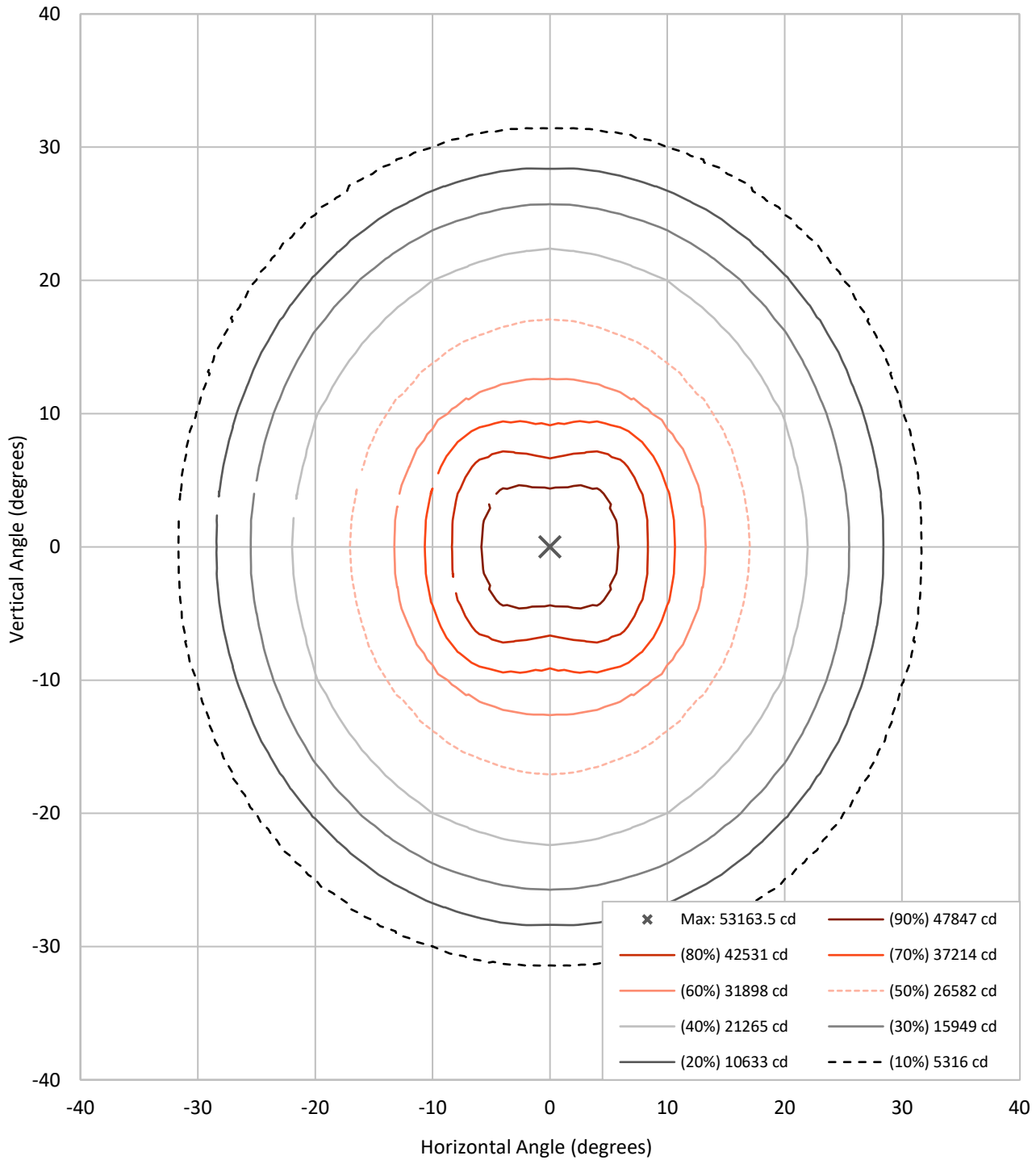
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	23518.1 lumens	Max Intensity:	53163.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	88.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	10017.2 lumens	Field Lumens:	20473.1 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 266
Input Voltage (V): 120
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



REPORT NUMBER: P559068 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





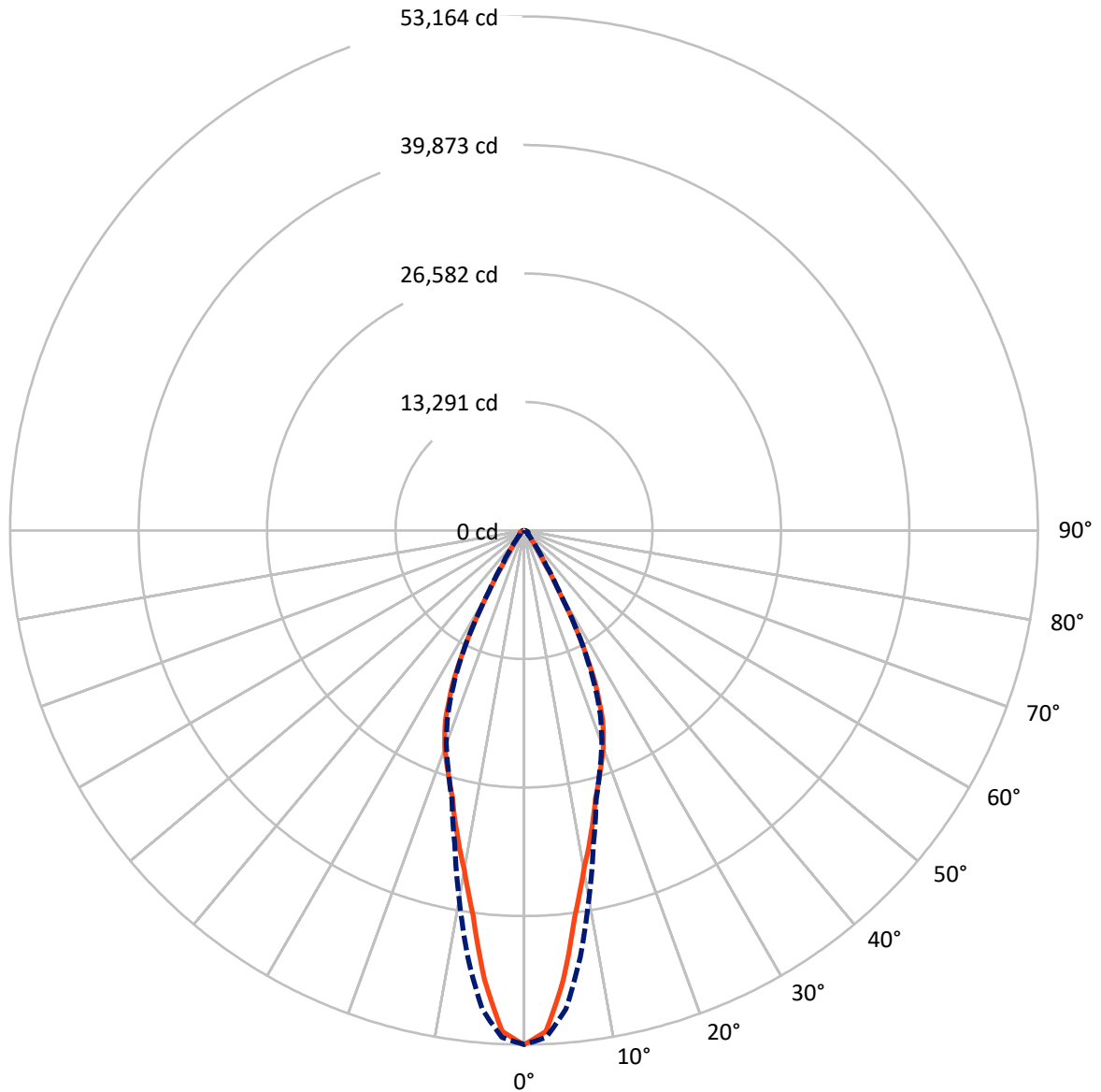
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Lumen Table

90																
80	0.3	2.6		7.3		12.0		14.0		12.0		7.3		2.6		0.3
70																
60	1.2	1.4	3.0	5.2	7.6	9.8	11.5	12.4	12.4	11.5	9.8	7.6	5.2	3.0	1.4	1.2
50		2.2	4.8	8.3	11.3	12.8	13.5	13.9	13.9	13.5	12.8	11.3	8.3	4.8	2.2	
40	2.2	3.0	6.7	10.0	11.7	14.5	18.6	21.4	21.4	18.6	14.5	11.7	10.0	6.7	3.0	2.2
30		3.9	7.8	10.1	15.2	30.0	57.0	87.1	87.1	57.0	30.0	15.2	10.1	7.8	3.9	
20	3.1	4.5	8.0	11.3	27.6	91.5	287.8	473.8	473.8	287.8	91.5	27.6	11.3	8.0	4.5	3.1
10		4.9	8.0	13.9	51.4	271.3	641.0	848.9	848.9	641.0	271.3	51.4	13.9	8.0	4.9	
0	3.3	5.1	8.0	16.0	78.1	427.3	833.6	1315.4	1315.4	833.6	427.3	78.1	16.0	8.0	5.1	3.3
-10		5.1	8.0	16.0	78.1	427.3	833.6	1315.4	1315.4	833.6	427.3	78.1	16.0	8.0	5.1	
-20	3.1	4.9	8.0	13.9	51.4	271.3	641.0	848.9	848.9	641.0	271.3	51.4	13.9	8.0	4.9	3.1
-30		4.5	8.0	11.3	27.6	91.5	287.8	473.8	473.8	287.8	91.5	27.6	11.3	8.0	4.5	
-40	2.2	3.9	7.8	10.1	15.2	30.0	57.0	87.1	87.1	57.0	30.0	15.2	10.1	7.8	3.9	2.2
-50		3.0	6.7	10.0	11.7	14.5	18.6	21.4	21.4	18.6	14.5	11.7	10.0	6.7	3.0	
-60	1.2	2.2	4.8	8.3	11.3	12.8	13.5	13.9	13.9	13.5	12.8	11.3	8.3	4.8	2.2	1.2
-70		1.4	3.0	5.2	7.6	9.8	11.5	12.4	12.4	11.5	9.8	7.6	5.2	3.0	1.4	
-80																
-90	0.3	2.6		7.3		12.0		14.0		12.0		7.3		2.6		0.3

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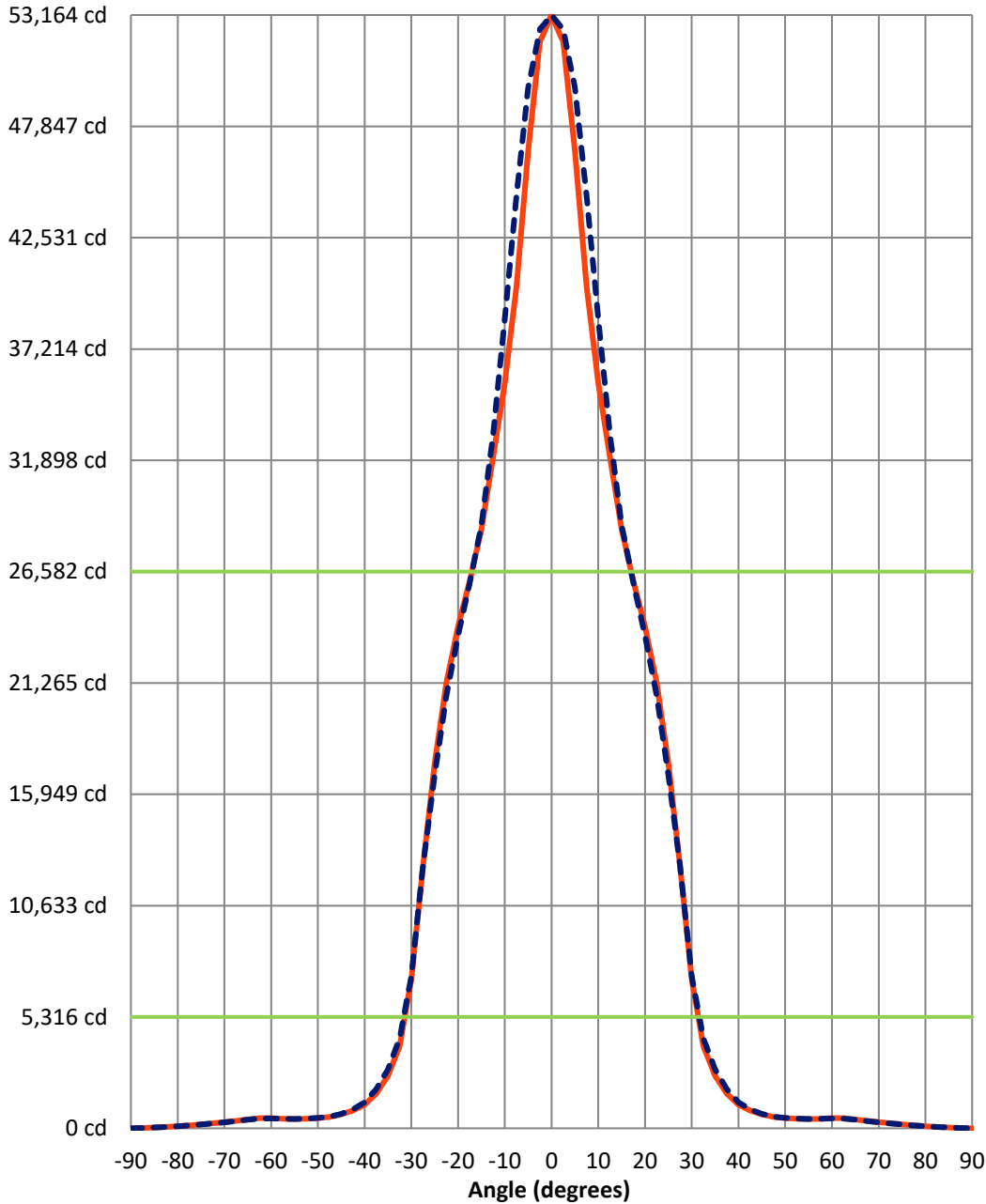
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 10017.2
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 20473.1
 Efficiency: 87.1%

Spill:
 Lumens: 3045
 Efficiency: 12.9%

— 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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.1	4.6	5.2	5.7
85°	0.0	1.2	2.4	3.5	4.7	5.8	7.0	8.1	9.2	10.3	11.4
82.5°	0.0	1.8	3.5	5.3	7.0	8.7	10.5	12.1	14.1	16.9	19.5
80°	0.0	2.3	4.7	7.0	9.3	11.6	14.3	18.3	22.1	25.7	29.0
77.5°	0.0	2.9	5.8	8.7	11.6	15.3	20.5	25.5	30.1	34.4	38.9
75°	0.0	3.5	7.0	10.5	14.2	20.4	26.7	32.6	38.1	44.0	50.0
72.5°	0.0	4.1	8.1	12.1	18.2	25.4	32.9	39.8	46.7	53.7	61.0
70°	0.0	4.6	9.2	14.0	22.0	30.3	38.9	47.0	55.1	63.4	74.1
67.5°	0.0	5.2	10.3	16.8	25.8	35.2	45.0	54.2	63.4	75.6	87.6
65°	0.0	5.7	11.4	19.6	29.6	40.1	51.0	61.1	74.1	87.6	101.9
62.5°	0.0	6.2	12.5	22.3	33.2	45.3	57.0	69.6	84.6	100.0	118.5
60°	0.0	6.7	13.5	24.9	36.7	50.3	62.9	78.7	94.9	114.7	134.6
57.5°	0.0	7.3	15.2	27.4	40.8	55.3	70.3	87.5	107.1	128.9	151.2
55°	0.0	7.7	16.9	29.9	44.8	60.2	77.8	96.2	119.5	143.0	167.7
52.5°	0.0	8.2	18.5	32.3	48.7	65.2	85.0	106.5	131.5	157.0	183.4
50°	0.0	8.7	20.1	34.6	52.5	71.1	92.0	116.6	143.3	170.5	200.0
47.5°	0.0	9.1	21.6	36.9	56.2	76.7	99.0	126.3	154.6	183.3	216.3
45°	0.0	9.5	23.1	39.6	59.8	82.1	106.9	135.5	165.4	197.6	232.2
42.5°	0.0	10.0	24.5	42.2	63.3	87.4	114.3	144.5	175.9	211.6	248.7
40°	0.0	10.3	25.9	44.8	67.0	92.3	121.4	153.3	186.6	225.1	264.6
37.5°	0.0	10.7	27.2	47.2	70.8	97.1	128.1	161.7	198.0	238.1	279.8
35°	0.0	11.1	28.5	49.5	74.4	102.1	134.3	169.7	208.7	250.8	294.4
32.5°	0.0	11.4	29.7	51.5	77.8	106.9	140.2	177.3	218.7	262.8	308.3
30°	0.0	11.7	30.8	53.4	80.9	111.4	146.2	184.6	228.0	274.0	321.4
27.5°	0.0	12.0	31.9	55.2	83.6	115.6	151.8	192.2	236.8	284.3	333.5
25°	0.0	12.2	32.9	56.8	86.1	119.4	157.0	199.1	245.2	294.1	344.7
22.5°	0.0	12.5	33.8	58.1	88.3	122.7	161.8	205.3	252.9	303.2	355.9
20°	0.0	12.7	34.6	59.4	90.3	125.5	166.1	210.9	259.8	311.4	365.9
17.5°	0.0	12.9	35.4	60.4	92.0	128.0	169.9	215.8	265.9	318.6	374.7
15°	0.0	13.0	36.1	61.3	93.5	130.2	173.2	220.1	271.1	324.9	382.3
12.5°	0.0	13.2	36.7	62.0	94.7	131.9	176.0	223.8	275.5	330.2	388.6
10°	0.0	13.3	37.2	62.5	95.7	133.4	178.4	226.9	279.0	335.0	394.3
7.5°	0.0	13.4	37.6	62.9	96.4	134.4	180.3	229.2	281.6	338.9	400.0
5°	0.0	13.4	37.9	63.1	96.9	135.1	181.6	230.9	283.3	342.0	404.7
2.5°	0.0	13.5	38.2	63.2	97.1	135.4	182.4	232.0	284.1	344.0	408.2
0°	0.0	13.5	38.3	63.1	97.0	135.3	182.7	232.3	284.1	345.0	410.4
-2.5°	0.0	13.5	38.2	63.2	97.1	135.4	182.4	232.0	284.1	344.0	408.2
-5°	0.0	13.4	37.9	63.1	96.9	135.1	181.6	230.9	283.3	342.0	404.7
-7.5°	0.0	13.4	37.6	62.9	96.4	134.4	180.3	229.2	281.6	338.9	400.0
-10°	0.0	13.3	37.2	62.5	95.7	133.4	178.4	226.9	279.0	335.0	394.3
-12.5°	0.0	13.2	36.7	62.0	94.7	131.9	176.0	223.8	275.5	330.2	388.6
-15°	0.0	13.0	36.1	61.3	93.5	130.2	173.2	220.1	271.1	324.9	382.3
-17.5°	0.0	12.9	35.4	60.4	92.0	128.0	169.9	215.8	265.9	318.6	374.7
-20°	0.0	12.7	34.6	59.4	90.3	125.5	166.1	210.9	259.8	311.4	365.9



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 CATALOG NUMBER: GFLD-SA5D-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	12.5	33.8	58.1	88.3	122.7	161.8	205.3	252.9	303.2	355.9
-25°	0.0	12.2	32.9	56.8	86.1	119.4	157.0	199.1	245.2	294.1	344.7
-27.5°	0.0	12.0	31.9	55.2	83.6	115.6	151.8	192.2	236.8	284.3	333.5
-30°	0.0	11.7	30.8	53.4	80.9	111.4	146.2	184.6	228.0	274.0	321.4
-32.5°	0.0	11.4	29.7	51.5	77.8	106.9	140.2	177.3	218.7	262.8	308.3
-35°	0.0	11.1	28.5	49.5	74.4	102.1	134.3	169.7	208.7	250.8	294.4
-37.5°	0.0	10.7	27.2	47.2	70.8	97.1	128.1	161.7	198.0	238.1	279.8
-40°	0.0	10.3	25.9	44.8	67.0	92.3	121.4	153.3	186.6	225.1	264.6
-42.5°	0.0	10.0	24.5	42.2	63.3	87.4	114.3	144.5	175.9	211.6	248.7
-45°	0.0	9.5	23.1	39.6	59.8	82.1	106.9	135.5	165.4	197.6	232.2
-47.5°	0.0	9.1	21.6	36.9	56.2	76.7	99.0	126.3	154.6	183.3	216.3
-50°	0.0	8.7	20.1	34.6	52.5	71.1	92.0	116.6	143.3	170.5	200.0
-52.5°	0.0	8.2	18.5	32.3	48.7	65.2	85.0	106.5	131.5	157.0	183.4
-55°	0.0	7.7	16.9	29.9	44.8	60.2	77.8	96.2	119.5	143.0	167.7
-57.5°	0.0	7.3	15.2	27.4	40.8	55.3	70.3	87.5	107.1	128.9	151.2
-60°	0.0	6.7	13.5	24.9	36.7	50.3	62.9	78.7	94.9	114.7	134.6
-62.5°	0.0	6.2	12.5	22.3	33.2	45.3	57.0	69.6	84.6	100.0	118.5
-65°	0.0	5.7	11.4	19.6	29.6	40.1	51.0	61.1	74.1	87.6	101.9
-67.5°	0.0	5.2	10.3	16.8	25.8	35.2	45.0	54.2	63.4	75.6	87.6
-70°	0.0	4.6	9.2	14.0	22.0	30.3	38.9	47.0	55.1	63.4	74.1
-72.5°	0.0	4.1	8.1	12.1	18.2	25.4	32.9	39.8	46.7	53.7	61.0
-75°	0.0	3.5	7.0	10.5	14.2	20.4	26.7	32.6	38.1	44.0	50.0
-77.5°	0.0	2.9	5.8	8.7	11.6	15.3	20.5	25.5	30.1	34.4	38.9
-80°	0.0	2.3	4.7	7.0	9.3	11.6	14.3	18.3	22.1	25.7	29.0
-82.5°	0.0	1.8	3.5	5.3	7.0	8.7	10.5	12.1	14.1	16.9	19.5
-85°	0.0	1.2	2.4	3.5	4.7	5.8	7.0	8.1	9.2	10.3	11.4
-87.5°	0.0	0.6	1.2	1.8	2.3	2.9	3.5	4.1	4.6	5.2	5.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	6.7	7.3	7.7	8.2	8.7	9.1	9.5	10.0	10.3	10.7
85°	12.5	13.5	15.2	16.8	18.3	19.6	20.8	21.9	23.1	24.3	25.4
82.5°	22.1	24.7	27.3	29.7	31.7	33.4	35.2	37.6	40.4	43.1	45.7
80°	32.5	35.9	40.1	44.5	48.3	52.2	56.0	59.8	63.6	67.6	71.6
77.5°	44.2	49.7	55.3	61.0	66.4	72.8	79.1	85.3	90.9	95.9	100.5
75°	56.5	63.3	71.6	80.1	88.2	96.1	104.1	112.8	120.5	127.4	133.9
72.5°	70.0	79.9	89.9	100.0	111.1	121.9	132.4	142.5	151.7	160.3	168.9
70°	85.0	96.4	109.7	123.2	136.2	148.6	160.7	172.0	182.8	194.1	206.2
67.5°	100.4	116.0	131.4	146.6	161.9	175.9	189.1	203.8	218.3	232.5	246.2
65°	118.6	135.8	153.6	171.1	187.7	204.7	221.6	238.4	255.4	271.6	286.7
62.5°	136.6	156.7	176.4	195.7	215.4	234.7	254.6	274.2	293.1	312.8	331.7
60°	155.8	177.7	199.3	221.0	243.2	266.3	288.4	311.4	334.5	356.8	378.3
57.5°	174.7	198.5	222.1	246.8	272.6	298.1	324.2	350.0	376.5	401.9	424.0
55°	193.2	218.8	245.4	273.7	302.0	331.2	360.4	390.5	419.0	440.4	460.5
52.5°	211.7	239.3	269.8	300.5	332.0	364.8	398.8	427.8	451.6	469.9	474.3
50°	229.9	261.5	293.8	327.4	362.3	399.3	431.9	458.1	471.5	476.6	473.9
47.5°	249.2	283.1	317.7	354.0	393.0	428.4	459.1	472.5	478.9	471.9	463.4
45°	268.3	304.6	341.2	381.0	420.0	453.5	470.7	480.2	471.7	463.4	457.5
42.5°	286.6	325.4	365.5	406.6	442.9	466.5	477.4	472.0	464.6	458.3	460.4
40°	304.8	345.5	389.4	428.1	460.8	472.8	471.0	464.2	460.0	462.8	472.0
37.5°	322.2	366.7	411.5	448.9	466.5	471.4	463.3	459.0	462.2	472.9	493.2
35°	338.8	386.9	429.6	461.0	472.8	464.4	458.6	458.0	470.1	491.7	521.9
32.5°	355.6	406.2	446.6	466.3	468.2	458.9	454.6	464.9	483.9	512.5	563.3
30°	371.9	421.1	459.1	471.0	462.8	455.7	458.2	473.1	498.9	546.4	628.5
27.5°	386.9	434.5	463.1	468.8	458.2	452.3	463.5	485.9	523.5	586.8	704.1
25°	400.5	446.7	466.7	464.5	455.2	454.5	469.7	497.4	549.2	651.6	812.3
22.5°	411.7	457.9	470.0	460.5	452.1	458.2	479.4	517.8	587.2	712.8	925.2
20°	420.8	460.6	469.4	456.7	449.1	461.1	488.0	537.9	638.3	808.4	1052.3
17.5°	429.1	463.1	466.2	454.2	450.9	465.8	497.1	555.8	683.7	890.6	1174.4
15°	436.4	465.2	463.2	452.0	453.1	472.2	511.7	589.6	738.2	968.0	1284.0
12.5°	442.7	467.1	460.3	450.2	454.7	477.5	524.2	620.4	791.9	1052.1	1459.9
10°	448.0	468.6	457.7	448.7	455.8	481.7	534.3	644.6	833.3	1123.3	1607.4
7.5°	452.9	469.8	455.5	447.5	456.4	484.8	542.0	662.4	862.8	1180.5	1717.8
5°	456.5	470.7	454.3	446.9	458.0	488.2	547.7	673.9	880.7	1222.2	1791.7
2.5°	458.9	471.1	453.6	446.6	460.3	492.7	552.5	683.8	896.7	1242.8	1844.3
0°	460.0	471.3	453.3	446.5	462.3	496.1	554.7	687.8	904.3	1242.5	1876.2
-2.5°	458.9	471.1	453.6	446.6	460.3	492.7	552.5	683.8	896.7	1242.8	1844.3
-5°	456.5	470.7	454.3	446.9	458.0	488.2	547.7	673.9	880.7	1222.2	1791.7
-7.5°	452.9	469.8	455.5	447.5	456.4	484.8	542.0	662.4	862.8	1180.5	1717.8
-10°	448.0	468.6	457.7	448.7	455.8	481.7	534.3	644.6	833.3	1123.3	1607.4
-12.5°	442.7	467.1	460.3	450.2	454.7	477.5	524.2	620.4	791.9	1052.1	1459.9
-15°	436.4	465.2	463.2	452.0	453.1	472.2	511.7	589.6	738.2	968.0	1284.0
-17.5°	429.1	463.1	466.2	454.2	450.9	465.8	497.1	555.8	683.7	890.6	1174.4
-20°	420.8	460.6	469.4	456.7	449.1	461.1	488.0	537.9	638.3	808.4	1052.3



REPORT NUMBER: P559068 (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°	411.7	457.9	470.0	460.5	452.1	458.2	479.4	517.8	587.2	712.8	925.2
-25°	400.5	446.7	466.7	464.5	455.2	454.5	469.7	497.4	549.2	651.6	812.3
-27.5°	386.9	434.5	463.1	468.8	458.2	452.3	463.5	485.9	523.5	586.8	704.1
-30°	371.9	421.1	459.1	471.0	462.8	455.7	458.2	473.1	498.9	546.4	628.5
-32.5°	355.6	406.2	446.6	466.3	468.2	458.9	454.6	464.9	483.9	512.5	563.3
-35°	338.8	386.9	429.6	461.0	472.8	464.4	458.6	458.0	470.1	491.7	521.9
-37.5°	322.2	366.7	411.5	448.9	466.5	471.4	463.3	459.0	462.2	472.9	493.2
-40°	304.8	345.5	389.4	428.1	460.8	472.8	471.0	464.2	460.0	462.8	472.0
-42.5°	286.6	325.4	365.5	406.6	442.9	466.5	477.4	472.0	464.6	458.3	460.4
-45°	268.3	304.6	341.2	381.0	420.0	453.5	470.7	480.2	471.7	463.4	457.5
-47.5°	249.2	283.1	317.7	354.0	393.0	428.4	459.1	472.5	478.9	471.9	463.4
-50°	229.9	261.5	293.8	327.4	362.3	399.3	431.9	458.1	471.5	476.6	473.9
-52.5°	211.7	239.3	269.8	300.5	332.0	364.8	398.8	427.8	451.6	469.9	474.3
-55°	193.2	218.8	245.4	273.7	302.0	331.2	360.4	390.5	419.0	440.4	460.5
-57.5°	174.7	198.5	222.1	246.8	272.6	298.1	324.2	350.0	376.5	401.9	424.0
-60°	155.8	177.7	199.3	221.0	243.2	266.3	288.4	311.4	334.5	356.8	378.3
-62.5°	136.6	156.7	176.4	195.7	215.4	234.7	254.6	274.2	293.1	312.8	331.7
-65°	118.6	135.8	153.6	171.1	187.7	204.7	221.6	238.4	255.4	271.6	286.7
-67.5°	100.4	116.0	131.4	146.6	161.9	175.9	189.1	203.8	218.3	232.5	246.2
-70°	85.0	96.4	109.7	123.2	136.2	148.6	160.7	172.0	182.8	194.1	206.2
-72.5°	70.0	79.9	89.9	100.0	111.1	121.9	132.4	142.5	151.7	160.3	168.9
-75°	56.5	63.3	71.6	80.1	88.2	96.1	104.1	112.8	120.5	127.4	133.9
-77.5°	44.2	49.7	55.3	61.0	66.4	72.8	79.1	85.3	90.9	95.9	100.5
-80°	32.5	35.9	40.1	44.5	48.3	52.2	56.0	59.8	63.6	67.6	71.6
-82.5°	22.1	24.7	27.3	29.7	31.7	33.4	35.2	37.6	40.4	43.1	45.7
-85°	12.5	13.5	15.2	16.8	18.3	19.6	20.8	21.9	23.1	24.3	25.4
-87.5°	6.2	6.7	7.3	7.7	8.2	8.7	9.1	9.5	10.0	10.3	10.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.1	10.9	10.7	10.5	10.2	10.4	10.6	10.8	10.9	11.6	12.2
85°	26.4	27.6	28.9	30.2	31.4	32.3	33.1	33.8	34.4	34.9	35.4
82.5°	48.2	50.7	53.1	55.2	57.1	58.7	60.1	61.3	62.4	63.3	64.1
80°	75.2	78.5	81.5	84.2	86.5	88.5	90.2	91.6	92.7	94.9	97.1
77.5°	105.3	109.9	114.3	118.2	121.8	125.4	128.7	131.7	134.3	136.3	137.8
75°	140.1	146.0	152.0	157.4	162.4	167.6	172.6	177.1	181.2	184.0	186.0
72.5°	177.6	185.6	192.8	199.7	205.9	212.2	218.4	224.0	228.9	232.7	235.7
70°	217.6	227.9	236.4	244.3	252.1	259.9	267.6	274.3	280.0	284.7	288.6
67.5°	259.1	271.0	281.7	292.0	302.3	312.0	321.3	329.9	337.8	343.9	347.8
65°	301.6	316.9	330.8	343.6	355.0	366.0	377.6	388.3	397.9	405.8	411.9
62.5°	349.6	366.9	382.7	396.9	409.7	419.9	430.9	441.0	450.0	458.3	466.6
60°	398.7	417.9	431.9	444.0	455.0	464.8	468.6	472.3	475.3	478.1	481.3
57.5°	441.5	458.1	470.1	472.8	475.2	477.3	476.0	472.1	468.1	464.1	460.9
55°	471.4	476.1	481.4	477.2	470.6	464.4	459.0	455.3	451.8	448.6	445.9
52.5°	479.3	474.8	469.2	463.0	458.5	453.8	449.1	450.0	451.4	452.5	453.1
50°	467.6	462.3	459.3	455.8	456.5	458.8	460.7	465.2	470.7	474.6	478.0
47.5°	458.7	455.2	459.7	465.4	470.7	480.4	489.0	497.4	510.5	520.9	529.1
45°	456.2	464.7	473.6	487.6	499.9	521.2	541.2	558.0	589.1	617.7	640.1
42.5°	469.1	483.8	499.8	527.0	556.4	594.1	642.5	683.5	731.5	776.2	808.6
40°	490.3	511.9	548.1	591.9	660.6	721.7	801.9	870.5	935.0	1003.3	1054.6
37.5°	520.9	561.3	628.8	707.6	811.8	911.9	1022.6	1129.9	1221.4	1359.8	1468.1
35°	566.4	648.1	744.0	875.6	1011.8	1165.2	1326.9	1535.2	1718.6	1933.8	2136.1
32.5°	649.2	759.9	910.2	1088.2	1269.1	1533.9	1783.6	2122.1	2426.2	2805.8	3214.1
30°	746.1	911.2	1113.2	1345.6	1673.2	2037.5	2448.0	2967.2	3584.1	4318.6	5304.3
27.5°	879.7	1091.7	1345.7	1722.6	2187.3	2675.3	3403.4	4276.1	5866.4	7252.4	9089.2
25°	1023.5	1282.4	1684.2	2190.6	2802.2	3681.0	5104.5	6920.3	9492.4	11951.8	13917.9
22.5°	1189.3	1567.7	2074.8	2705.1	3694.7	5396.3	7606.3	10804.3	13672.4	16152.9	18063.3
20°	1372.9	1847.4	2529.0	3492.1	5177.5	7669.6	11217.4	14499.4	17428.8	19564.3	21252.1
17.5°	1610.6	2230.6	3095.4	4424.3	7011.1	10851.3	14508.9	17752.8	20301.7	22177.8	23674.1
15°	1832.6	2583.2	3704.0	5971.4	9502.2	13606.5	17355.6	20249.4	22455.0	24200.9	25546.2
12.5°	2094.6	2979.4	4415.5	7307.9	11792.8	15879.6	19376.7	22078.9	24203.0	25839.5	27642.5
10°	2328.0	3405.6	5434.8	9089.0	13673.8	17666.0	21062.1	23490.5	25620.4	27753.0	30456.6
7.5°	2520.6	3763.4	6270.8	10591.8	15118.0	18987.4	22081.3	24507.7	26855.2	29703.3	33602.9
5°	2673.6	4033.1	6958.6	11726.3	16167.8	19930.5	22859.7	25319.2	27970.7	31780.8	37014.1
2.5°	2775.9	4209.8	7388.5	12411.8	16830.2	20471.5	23436.8	25850.0	28629.9	32943.9	38411.3
0°	2816.6	4291.4	7279.4	12536.0	16870.3	20647.5	23522.7	26048.4	28817.7	33138.4	38667.9
-2.5°	2775.9	4209.8	7388.5	12411.8	16830.2	20471.5	23436.8	25850.0	28629.9	32943.9	38411.3
-5°	2673.6	4033.1	6958.6	11726.3	16167.8	19930.5	22859.7	25319.2	27970.7	31780.8	37014.1
-7.5°	2520.6	3763.4	6270.8	10591.8	15118.0	18987.4	22081.3	24507.7	26855.2	29703.3	33602.9
-10°	2328.0	3405.6	5434.8	9089.0	13673.8	17666.0	21062.1	23490.5	25620.4	27753.0	30456.6
-12.5°	2094.6	2979.4	4415.5	7307.9	11792.8	15879.6	19376.7	22078.9	24203.0	25839.5	27642.5
-15°	1832.6	2583.2	3704.0	5971.4	9502.2	13606.5	17355.6	20249.4	22455.0	24200.9	25546.2
-17.5°	1610.6	2230.6	3095.4	4424.3	7011.1	10851.3	14508.9	17752.8	20301.7	22177.8	23674.1
-20°	1372.9	1847.4	2529.0	3492.1	5177.5	7669.6	11217.4	14499.4	17428.8	19564.3	21252.1



REPORT NUMBER: P559068 (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°	1189.3	1567.7	2074.8	2705.1	3694.7	5396.3	7606.3	10804.3	13672.4	16152.9	18063.3
-25°	1023.5	1282.4	1684.2	2190.6	2802.2	3681.0	5104.5	6920.3	9492.4	11951.8	13917.9
-27.5°	879.7	1091.7	1345.7	1722.6	2187.3	2675.3	3403.4	4276.1	5866.4	7252.4	9089.2
-30°	746.1	911.2	1113.2	1345.6	1673.2	2037.5	2448.0	2967.2	3584.1	4318.6	5304.3
-32.5°	649.2	759.9	910.2	1088.2	1269.1	1533.9	1783.6	2122.1	2426.2	2805.8	3214.1
-35°	566.4	648.1	744.0	875.6	1011.8	1165.2	1326.9	1535.2	1718.6	1933.8	2136.1
-37.5°	520.9	561.3	628.8	707.6	811.8	911.9	1022.6	1129.9	1221.4	1359.8	1468.1
-40°	490.3	511.9	548.1	591.9	660.6	721.7	801.9	870.5	935.0	1003.3	1054.6
-42.5°	469.1	483.8	499.8	527.0	556.4	594.1	642.5	683.5	731.5	776.2	808.6
-45°	456.2	464.7	473.6	487.6	499.9	521.2	541.2	558.0	589.1	617.7	640.1
-47.5°	458.7	455.2	459.7	465.4	470.7	480.4	489.0	497.4	510.5	520.9	529.1
-50°	467.6	462.3	459.3	455.8	456.5	458.8	460.7	465.2	470.7	474.6	478.0
-52.5°	479.3	474.8	469.2	463.0	458.5	453.8	449.1	450.0	451.4	452.5	453.1
-55°	471.4	476.1	481.4	477.2	470.6	464.4	459.0	455.3	451.8	448.6	445.9
-57.5°	441.5	458.1	470.1	472.8	475.2	477.3	476.0	472.1	468.1	464.1	460.9
-60°	398.7	417.9	431.9	444.0	455.0	464.8	468.6	472.3	475.3	478.1	481.3
-62.5°	349.6	366.9	382.7	396.9	409.7	419.9	430.9	441.0	450.0	458.3	466.6
-65°	301.6	316.9	330.8	343.6	355.0	366.0	377.6	388.3	397.9	405.8	411.9
-67.5°	259.1	271.0	281.7	292.0	302.3	312.0	321.3	329.9	337.8	343.9	347.8
-70°	217.6	227.9	236.4	244.3	252.1	259.9	267.6	274.3	280.0	284.7	288.6
-72.5°	177.6	185.6	192.8	199.7	205.9	212.2	218.4	224.0	228.9	232.7	235.7
-75°	140.1	146.0	152.0	157.4	162.4	167.6	172.6	177.1	181.2	184.0	186.0
-77.5°	105.3	109.9	114.3	118.2	121.8	125.4	128.7	131.7	134.3	136.3	137.8
-80°	75.2	78.5	81.5	84.2	86.5	88.5	90.2	91.6	92.7	94.9	97.1
-82.5°	48.2	50.7	53.1	55.2	57.1	58.7	60.1	61.3	62.4	63.3	64.1
-85°	26.4	27.6	28.9	30.2	31.4	32.3	33.1	33.8	34.4	34.9	35.4
-87.5°	11.1	10.9	10.7	10.5	10.2	10.4	10.6	10.8	10.9	11.6	12.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P559068 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5D-927-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	12.8	13.4	13.5	13.5	13.5	13.4	12.8	12.2	11.6	10.9	10.8
85°	35.7	35.9	37.2	38.3	37.2	35.9	35.7	35.4	34.9	34.4	33.8
82.5°	64.6	65.1	65.3	65.4	65.3	65.1	64.6	64.1	63.3	62.4	61.3
80°	99.1	100.9	100.2	99.2	100.2	100.9	99.1	97.1	94.9	92.7	91.6
77.5°	138.7	139.1	138.5	137.6	138.5	139.1	138.7	137.8	136.3	134.3	131.7
75°	187.4	188.3	189.1	189.4	189.1	188.3	187.4	186.0	184.0	181.2	177.1
72.5°	238.1	239.9	239.9	239.0	239.9	239.9	238.1	235.7	232.7	228.9	224.0
70°	291.5	293.7	295.0	295.4	295.0	293.7	291.5	288.6	284.7	280.0	274.3
67.5°	350.6	352.1	353.5	354.0	353.5	352.1	350.6	347.8	343.9	337.8	329.9
65°	417.1	421.1	422.3	421.7	422.3	421.1	417.1	411.9	405.8	397.9	388.3
62.5°	474.3	481.2	484.1	484.8	484.1	481.2	474.3	466.6	458.3	450.0	441.0
60°	484.1	486.4	487.1	487.1	487.1	486.4	484.1	481.3	478.1	475.3	472.3
57.5°	457.9	455.3	453.8	453.3	453.8	455.3	457.9	460.9	464.1	468.1	472.1
55°	443.3	441.0	439.9	439.7	439.9	441.0	443.3	445.9	448.6	451.8	455.3
52.5°	453.3	453.0	453.9	455.5	453.9	453.0	453.3	453.1	452.5	451.4	450.0
50°	480.9	482.9	485.0	487.1	485.0	482.9	480.9	478.0	474.6	470.7	465.2
47.5°	535.1	538.2	540.1	541.2	540.1	538.2	535.1	529.1	520.9	510.5	497.4
45°	654.7	662.6	666.3	667.5	666.3	662.6	654.7	640.1	617.7	589.1	558.0
42.5°	830.0	841.8	846.9	847.9	846.9	841.8	830.0	808.6	776.2	731.5	683.5
40°	1091.4	1112.4	1122.6	1129.8	1122.6	1112.4	1091.4	1054.6	1003.3	935.0	870.5
37.5°	1549.2	1601.9	1631.7	1657.5	1631.7	1601.9	1549.2	1468.1	1359.8	1221.4	1129.9
35°	2300.7	2421.3	2492.2	2507.6	2492.2	2421.3	2300.7	2136.1	1933.8	1718.6	1535.2
32.5°	3528.3	3764.8	3906.2	3923.8	3906.2	3764.8	3528.3	3214.1	2805.8	2426.2	2122.1
30°	6069.5	6732.1	7186.3	7123.8	7186.3	6732.1	6069.5	5304.3	4318.6	3584.1	2967.2
27.5°	10593.9	11795.6	12576.2	12511.2	12576.2	11795.6	10593.9	9089.2	7252.4	5866.4	4276.1
25°	15429.5	16535.6	17188.5	17429.5	17188.5	16535.6	15429.5	13917.9	11951.8	9492.4	6920.3
22.5°	19378.3	20367.1	20931.9	21269.9	20931.9	20367.1	19378.3	18063.3	16152.9	13672.4	10804.3
20°	22403.8	23261.4	23747.2	23955.7	23747.2	23261.4	22403.8	21252.1	19564.3	17428.8	14499.4
17.5°	24731.4	25449.3	25999.3	26140.9	25999.3	25449.3	24731.4	23674.1	22177.8	20301.7	17752.8
15°	26790.3	27717.6	28366.1	28608.0	28366.1	27717.6	26790.3	25546.2	24200.9	22455.0	20249.4
12.5°	29386.5	30998.9	31856.1	32053.7	31856.1	30998.9	29386.5	27642.5	25839.5	24203.0	22078.9
10°	33223.8	35702.3	35983.2	35598.7	35983.2	35702.3	33223.8	30456.6	27753.0	25620.4	23490.5
7.5°	38812.5	42117.3	41402.8	40212.6	41402.8	42117.3	38812.5	33602.9	29703.3	26855.2	24507.7
5°	42811.9	47400.3	47542.7	46668.9	47542.7	47400.3	42811.9	37014.1	31780.8	27970.7	25319.2
2.5°	44404.0	49127.4	51478.2	51863.5	51478.2	49127.4	44404.0	38411.3	32943.9	28629.9	25850.0
0°	44523.2	49683.9	52471.2	53163.5	52471.2	49683.9	44523.2	38667.9	33138.4	28817.7	26048.4
-2.5°	44404.0	49127.4	51478.2	51863.5	51478.2	49127.4	44404.0	38411.3	32943.9	28629.9	25850.0
-5°	42811.9	47400.3	47542.7	46668.9	47542.7	47400.3	42811.9	37014.1	31780.8	27970.7	25319.2
-7.5°	38812.5	42117.3	41402.8	40212.6	41402.8	42117.3	38812.5	33602.9	29703.3	26855.2	24507.7
-10°	33223.8	35702.3	35983.2	35598.7	35983.2	35702.3	33223.8	30456.6	27753.0	25620.4	23490.5
-12.5°	29386.5	30998.9	31856.1	32053.7	31856.1	30998.9	29386.5	27642.5	25839.5	24203.0	22078.9
-15°	26790.3	27717.6	28366.1	28608.0	28366.1	27717.6	26790.3	25546.2	24200.9	22455.0	20249.4
-17.5°	24731.4	25449.3	25999.3	26140.9	25999.3	25449.3	24731.4	23674.1	22177.8	20301.7	17752.8
-20°	22403.8	23261.4	23747.2	23955.7	23747.2	23261.4	22403.8	21252.1	19564.3	17428.8	14499.4



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19378.3	20367.1	20931.9	21269.9	20931.9	20367.1	19378.3	18063.3	16152.9	13672.4	10804.3
-25°	15429.5	16535.6	17188.5	17429.5	17188.5	16535.6	15429.5	13917.9	11951.8	9492.4	6920.3
-27.5°	10593.9	11795.6	12576.2	12511.2	12576.2	11795.6	10593.9	9089.2	7252.4	5866.4	4276.1
-30°	6069.5	6732.1	7186.3	7123.8	7186.3	6732.1	6069.5	5304.3	4318.6	3584.1	2967.2
-32.5°	3528.3	3764.8	3906.2	3923.8	3906.2	3764.8	3528.3	3214.1	2805.8	2426.2	2122.1
-35°	2300.7	2421.3	2492.2	2507.6	2492.2	2421.3	2300.7	2136.1	1933.8	1718.6	1535.2
-37.5°	1549.2	1601.9	1631.7	1657.5	1631.7	1601.9	1549.2	1468.1	1359.8	1221.4	1129.9
-40°	1091.4	1112.4	1122.6	1129.8	1122.6	1112.4	1091.4	1054.6	1003.3	935.0	870.5
-42.5°	830.0	841.8	846.9	847.9	846.9	841.8	830.0	808.6	776.2	731.5	683.5
-45°	654.7	662.6	666.3	667.5	666.3	662.6	654.7	640.1	617.7	589.1	558.0
-47.5°	535.1	538.2	540.1	541.2	540.1	538.2	535.1	529.1	520.9	510.5	497.4
-50°	480.9	482.9	485.0	487.1	485.0	482.9	480.9	478.0	474.6	470.7	465.2
-52.5°	453.3	453.0	453.9	455.5	453.9	453.0	453.3	453.1	452.5	451.4	450.0
-55°	443.3	441.0	439.9	439.7	439.9	441.0	443.3	445.9	448.6	451.8	455.3
-57.5°	457.9	455.3	453.8	453.3	453.8	455.3	457.9	460.9	464.1	468.1	472.1
-60°	484.1	486.4	487.1	487.1	487.1	486.4	484.1	481.3	478.1	475.3	472.3
-62.5°	474.3	481.2	484.1	484.8	484.1	481.2	474.3	466.6	458.3	450.0	441.0
-65°	417.1	421.1	422.3	421.7	422.3	421.1	417.1	411.9	405.8	397.9	388.3
-67.5°	350.6	352.1	353.5	354.0	353.5	352.1	350.6	347.8	343.9	337.8	329.9
-70°	291.5	293.7	295.0	295.4	295.0	293.7	291.5	288.6	284.7	280.0	274.3
-72.5°	238.1	239.9	239.9	239.0	239.9	239.9	238.1	235.7	232.7	228.9	224.0
-75°	187.4	188.3	189.1	189.4	189.1	188.3	187.4	186.0	184.0	181.2	177.1
-77.5°	138.7	139.1	138.5	137.6	138.5	139.1	138.7	137.8	136.3	134.3	131.7
-80°	99.1	100.9	100.2	99.2	100.2	100.9	99.1	97.1	94.9	92.7	91.6
-82.5°	64.6	65.1	65.3	65.4	65.3	65.1	64.6	64.1	63.3	62.4	61.3
-85°	35.7	35.9	37.2	38.3	37.2	35.9	35.7	35.4	34.9	34.4	33.8
-87.5°	12.8	13.4	13.5	13.5	13.5	13.4	12.8	12.2	11.6	10.9	10.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.6	10.4	10.2	10.5	10.7	10.9	11.1	10.7	10.3	10.0	9.5
85°	33.1	32.3	31.4	30.2	28.9	27.6	26.4	25.4	24.3	23.1	21.9
82.5°	60.1	58.7	57.1	55.2	53.1	50.7	48.2	45.7	43.1	40.4	37.6
80°	90.2	88.5	86.5	84.2	81.5	78.5	75.2	71.6	67.6	63.6	59.8
77.5°	128.7	125.4	121.8	118.2	114.3	109.9	105.3	100.5	95.9	90.9	85.3
75°	172.6	167.6	162.4	157.4	152.0	146.0	140.1	133.9	127.4	120.5	112.8
72.5°	218.4	212.2	205.9	199.7	192.8	185.6	177.6	168.9	160.3	151.7	142.5
70°	267.6	259.9	252.1	244.3	236.4	227.9	217.6	206.2	194.1	182.8	172.0
67.5°	321.3	312.0	302.3	292.0	281.7	271.0	259.1	246.2	232.5	218.3	203.8
65°	377.6	366.0	355.0	343.6	330.8	316.9	301.6	286.7	271.6	255.4	238.4
62.5°	430.9	419.9	409.7	396.9	382.7	366.9	349.6	331.7	312.8	293.1	274.2
60°	468.6	464.8	455.0	444.0	431.9	417.9	398.7	378.3	356.8	334.5	311.4
57.5°	476.0	477.3	475.2	472.8	470.1	458.1	441.5	424.0	401.9	376.5	350.0
55°	459.0	464.4	470.6	477.2	481.4	476.1	471.4	460.5	440.4	419.0	390.5
52.5°	449.1	453.8	458.5	463.0	469.2	474.8	479.3	474.3	469.9	451.6	427.8
50°	460.7	458.8	456.5	455.8	459.3	462.3	467.6	473.9	476.6	471.5	458.1
47.5°	489.0	480.4	470.7	465.4	459.7	455.2	458.7	463.4	471.9	478.9	472.5
45°	541.2	521.2	499.9	487.6	473.6	464.7	456.2	457.5	463.4	471.7	480.2
42.5°	642.5	594.1	556.4	527.0	499.8	483.8	469.1	460.4	458.3	464.6	472.0
40°	801.9	721.7	660.6	591.9	548.1	511.9	490.3	472.0	462.8	460.0	464.2
37.5°	1022.6	911.9	811.8	707.6	628.8	561.3	520.9	493.2	472.9	462.2	459.0
35°	1326.9	1165.2	1011.8	875.6	744.0	648.1	566.4	521.9	491.7	470.1	458.0
32.5°	1783.6	1533.9	1269.1	1088.2	910.2	759.9	649.2	563.3	512.5	483.9	464.9
30°	2448.0	2037.5	1673.2	1345.6	1113.2	911.2	746.1	628.5	546.4	498.9	473.1
27.5°	3403.4	2675.3	2187.3	1722.6	1345.7	1091.7	879.7	704.1	586.8	523.5	485.9
25°	5104.5	3681.0	2802.2	2190.6	1684.2	1282.4	1023.5	812.3	651.6	549.2	497.4
22.5°	7606.3	5396.3	3694.7	2705.1	2074.8	1567.7	1189.3	925.2	712.8	587.2	517.8
20°	11217.4	7669.6	5177.5	3492.1	2529.0	1847.4	1372.9	1052.3	808.4	638.3	537.9
17.5°	14508.9	10851.3	7011.1	4424.3	3095.4	2230.6	1610.6	1174.4	890.6	683.7	555.8
15°	17355.6	13606.5	9502.2	5971.4	3704.0	2583.2	1832.6	1284.0	968.0	738.2	589.6
12.5°	19376.7	15879.6	11792.8	7307.9	4415.5	2979.4	2094.6	1459.9	1052.1	791.9	620.4
10°	21062.1	17666.0	13673.8	9089.0	5434.8	3405.6	2328.0	1607.4	1123.3	833.3	644.6
7.5°	22081.3	18987.4	15118.0	10591.8	6270.8	3763.4	2520.6	1717.8	1180.5	862.8	662.4
5°	22859.7	19930.5	16167.8	11726.3	6958.6	4033.1	2673.6	1791.7	1222.2	880.7	673.9
2.5°	23436.8	20471.5	16830.2	12411.8	7388.5	4209.8	2775.9	1844.3	1242.8	896.7	683.8
0°	23522.7	20647.5	16870.3	12536.0	7279.4	4291.4	2816.6	1876.2	1242.5	904.3	687.8
-2.5°	23436.8	20471.5	16830.2	12411.8	7388.5	4209.8	2775.9	1844.3	1242.8	896.7	683.8
-5°	22859.7	19930.5	16167.8	11726.3	6958.6	4033.1	2673.6	1791.7	1222.2	880.7	673.9
-7.5°	22081.3	18987.4	15118.0	10591.8	6270.8	3763.4	2520.6	1717.8	1180.5	862.8	662.4
-10°	21062.1	17666.0	13673.8	9089.0	5434.8	3405.6	2328.0	1607.4	1123.3	833.3	644.6
-12.5°	19376.7	15879.6	11792.8	7307.9	4415.5	2979.4	2094.6	1459.9	1052.1	791.9	620.4
-15°	17355.6	13606.5	9502.2	5971.4	3704.0	2583.2	1832.6	1284.0	968.0	738.2	589.6
-17.5°	14508.9	10851.3	7011.1	4424.3	3095.4	2230.6	1610.6	1174.4	890.6	683.7	555.8
-20°	11217.4	7669.6	5177.5	3492.1	2529.0	1847.4	1372.9	1052.3	808.4	638.3	537.9



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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°	7606.3	5396.3	3694.7	2705.1	2074.8	1567.7	1189.3	925.2	712.8	587.2	517.8
-25°	5104.5	3681.0	2802.2	2190.6	1684.2	1282.4	1023.5	812.3	651.6	549.2	497.4
-27.5°	3403.4	2675.3	2187.3	1722.6	1345.7	1091.7	879.7	704.1	586.8	523.5	485.9
-30°	2448.0	2037.5	1673.2	1345.6	1113.2	911.2	746.1	628.5	546.4	498.9	473.1
-32.5°	1783.6	1533.9	1269.1	1088.2	910.2	759.9	649.2	563.3	512.5	483.9	464.9
-35°	1326.9	1165.2	1011.8	875.6	744.0	648.1	566.4	521.9	491.7	470.1	458.0
-37.5°	1022.6	911.9	811.8	707.6	628.8	561.3	520.9	493.2	472.9	462.2	459.0
-40°	801.9	721.7	660.6	591.9	548.1	511.9	490.3	472.0	462.8	460.0	464.2
-42.5°	642.5	594.1	556.4	527.0	499.8	483.8	469.1	460.4	458.3	464.6	472.0
-45°	541.2	521.2	499.9	487.6	473.6	464.7	456.2	457.5	463.4	471.7	480.2
-47.5°	489.0	480.4	470.7	465.4	459.7	455.2	458.7	463.4	471.9	478.9	472.5
-50°	460.7	458.8	456.5	455.8	459.3	462.3	467.6	473.9	476.6	471.5	458.1
-52.5°	449.1	453.8	458.5	463.0	469.2	474.8	479.3	474.3	469.9	451.6	427.8
-55°	459.0	464.4	470.6	477.2	481.4	476.1	471.4	460.5	440.4	419.0	390.5
-57.5°	476.0	477.3	475.2	472.8	470.1	458.1	441.5	424.0	401.9	376.5	350.0
-60°	468.6	464.8	455.0	444.0	431.9	417.9	398.7	378.3	356.8	334.5	311.4
-62.5°	430.9	419.9	409.7	396.9	382.7	366.9	349.6	331.7	312.8	293.1	274.2
-65°	377.6	366.0	355.0	343.6	330.8	316.9	301.6	286.7	271.6	255.4	238.4
-67.5°	321.3	312.0	302.3	292.0	281.7	271.0	259.1	246.2	232.5	218.3	203.8
-70°	267.6	259.9	252.1	244.3	236.4	227.9	217.6	206.2	194.1	182.8	172.0
-72.5°	218.4	212.2	205.9	199.7	192.8	185.6	177.6	168.9	160.3	151.7	142.5
-75°	172.6	167.6	162.4	157.4	152.0	146.0	140.1	133.9	127.4	120.5	112.8
-77.5°	128.7	125.4	121.8	118.2	114.3	109.9	105.3	100.5	95.9	90.9	85.3
-80°	90.2	88.5	86.5	84.2	81.5	78.5	75.2	71.6	67.6	63.6	59.8
-82.5°	60.1	58.7	57.1	55.2	53.1	50.7	48.2	45.7	43.1	40.4	37.6
-85°	33.1	32.3	31.4	30.2	28.9	27.6	26.4	25.4	24.3	23.1	21.9
-87.5°	10.6	10.4	10.2	10.5	10.7	10.9	11.1	10.7	10.3	10.0	9.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.1	8.7	8.2	7.7	7.3	6.7	6.2	5.7	5.2	4.6	4.1
85°	20.8	19.6	18.3	16.8	15.2	13.5	12.5	11.4	10.3	9.2	8.1
82.5°	35.2	33.4	31.7	29.7	27.3	24.7	22.1	19.5	16.9	14.1	12.1
80°	56.0	52.2	48.3	44.5	40.1	35.9	32.5	29.0	25.7	22.1	18.3
77.5°	79.1	72.8	66.4	61.0	55.3	49.7	44.2	38.9	34.4	30.1	25.5
75°	104.1	96.1	88.2	80.1	71.6	63.3	56.5	50.0	44.0	38.1	32.6
72.5°	132.4	121.9	111.1	100.0	89.9	79.9	70.0	61.0	53.7	46.7	39.8
70°	160.7	148.6	136.2	123.2	109.7	96.4	85.0	74.1	63.4	55.1	47.0
67.5°	189.1	175.9	161.9	146.6	131.4	116.0	100.4	87.6	75.6	63.4	54.2
65°	221.6	204.7	187.7	171.1	153.6	135.8	118.6	101.9	87.6	74.1	61.1
62.5°	254.6	234.7	215.4	195.7	176.4	156.7	136.6	118.5	100.0	84.6	69.6
60°	288.4	266.3	243.2	221.0	199.3	177.7	155.8	134.6	114.7	94.9	78.7
57.5°	324.2	298.1	272.6	246.8	222.1	198.5	174.7	151.2	128.9	107.1	87.5
55°	360.4	331.2	302.0	273.7	245.4	218.8	193.2	167.7	143.0	119.5	96.2
52.5°	398.8	364.8	332.0	300.5	269.8	239.3	211.7	183.4	157.0	131.5	106.5
50°	431.9	399.3	362.3	327.4	293.8	261.5	229.9	200.0	170.5	143.3	116.6
47.5°	459.1	428.4	393.0	354.0	317.7	283.1	249.2	216.3	183.3	154.6	126.3
45°	470.7	453.5	420.0	381.0	341.2	304.6	268.3	232.2	197.6	165.4	135.5
42.5°	477.4	466.5	442.9	406.6	365.5	325.4	286.6	248.7	211.6	175.9	144.5
40°	471.0	472.8	460.8	428.1	389.4	345.5	304.8	264.6	225.1	186.6	153.3
37.5°	463.3	471.4	466.5	448.9	411.5	366.7	322.2	279.8	238.1	198.0	161.7
35°	458.6	464.4	472.8	461.0	429.6	386.9	338.8	294.4	250.8	208.7	169.7
32.5°	454.6	458.9	468.2	466.3	446.6	406.2	355.6	308.3	262.8	218.7	177.3
30°	458.2	455.7	462.8	471.0	459.1	421.1	371.9	321.4	274.0	228.0	184.6
27.5°	463.5	452.3	458.2	468.8	463.1	434.5	386.9	333.5	284.3	236.8	192.2
25°	469.7	454.5	455.2	464.5	466.7	446.7	400.5	344.7	294.1	245.2	199.1
22.5°	479.4	458.2	452.1	460.5	470.0	457.9	411.7	355.9	303.2	252.9	205.3
20°	488.0	461.1	449.1	456.7	469.4	460.6	420.8	365.9	311.4	259.8	210.9
17.5°	497.1	465.8	450.9	454.2	466.2	463.1	429.1	374.7	318.6	265.9	215.8
15°	511.7	472.2	453.1	452.0	463.2	465.2	436.4	382.3	324.9	271.1	220.1
12.5°	524.2	477.5	454.7	450.2	460.3	467.1	442.7	388.6	330.2	275.5	223.8
10°	534.3	481.7	455.8	448.7	457.7	468.6	448.0	394.3	335.0	279.0	226.9
7.5°	542.0	484.8	456.4	447.5	455.5	469.8	452.9	400.0	338.9	281.6	229.2
5°	547.7	488.2	458.0	446.9	454.3	470.7	456.5	404.7	342.0	283.3	230.9
2.5°	552.5	492.7	460.3	446.6	453.6	471.1	458.9	408.2	344.0	284.1	232.0
0°	554.7	496.1	462.3	446.5	453.3	471.3	460.0	410.4	345.0	284.1	232.3
-2.5°	552.5	492.7	460.3	446.6	453.6	471.1	458.9	408.2	344.0	284.1	232.0
-5°	547.7	488.2	458.0	446.9	454.3	470.7	456.5	404.7	342.0	283.3	230.9
-7.5°	542.0	484.8	456.4	447.5	455.5	469.8	452.9	400.0	338.9	281.6	229.2
-10°	534.3	481.7	455.8	448.7	457.7	468.6	448.0	394.3	335.0	279.0	226.9
-12.5°	524.2	477.5	454.7	450.2	460.3	467.1	442.7	388.6	330.2	275.5	223.8
-15°	511.7	472.2	453.1	452.0	463.2	465.2	436.4	382.3	324.9	271.1	220.1
-17.5°	497.1	465.8	450.9	454.2	466.2	463.1	429.1	374.7	318.6	265.9	215.8
-20°	488.0	461.1	449.1	456.7	469.4	460.6	420.8	365.9	311.4	259.8	210.9



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	479.4	458.2	452.1	460.5	470.0	457.9	411.7	355.9	303.2	252.9	205.3
-25°	469.7	454.5	455.2	464.5	466.7	446.7	400.5	344.7	294.1	245.2	199.1
-27.5°	463.5	452.3	458.2	468.8	463.1	434.5	386.9	333.5	284.3	236.8	192.2
-30°	458.2	455.7	462.8	471.0	459.1	421.1	371.9	321.4	274.0	228.0	184.6
-32.5°	454.6	458.9	468.2	466.3	446.6	406.2	355.6	308.3	262.8	218.7	177.3
-35°	458.6	464.4	472.8	461.0	429.6	386.9	338.8	294.4	250.8	208.7	169.7
-37.5°	463.3	471.4	466.5	448.9	411.5	366.7	322.2	279.8	238.1	198.0	161.7
-40°	471.0	472.8	460.8	428.1	389.4	345.5	304.8	264.6	225.1	186.6	153.3
-42.5°	477.4	466.5	442.9	406.6	365.5	325.4	286.6	248.7	211.6	175.9	144.5
-45°	470.7	453.5	420.0	381.0	341.2	304.6	268.3	232.2	197.6	165.4	135.5
-47.5°	459.1	428.4	393.0	354.0	317.7	283.1	249.2	216.3	183.3	154.6	126.3
-50°	431.9	399.3	362.3	327.4	293.8	261.5	229.9	200.0	170.5	143.3	116.6
-52.5°	398.8	364.8	332.0	300.5	269.8	239.3	211.7	183.4	157.0	131.5	106.5
-55°	360.4	331.2	302.0	273.7	245.4	218.8	193.2	167.7	143.0	119.5	96.2
-57.5°	324.2	298.1	272.6	246.8	222.1	198.5	174.7	151.2	128.9	107.1	87.5
-60°	288.4	266.3	243.2	221.0	199.3	177.7	155.8	134.6	114.7	94.9	78.7
-62.5°	254.6	234.7	215.4	195.7	176.4	156.7	136.6	118.5	100.0	84.6	69.6
-65°	221.6	204.7	187.7	171.1	153.6	135.8	118.6	101.9	87.6	74.1	61.1
-67.5°	189.1	175.9	161.9	146.6	131.4	116.0	100.4	87.6	75.6	63.4	54.2
-70°	160.7	148.6	136.2	123.2	109.7	96.4	85.0	74.1	63.4	55.1	47.0
-72.5°	132.4	121.9	111.1	100.0	89.9	79.9	70.0	61.0	53.7	46.7	39.8
-75°	104.1	96.1	88.2	80.1	71.6	63.3	56.5	50.0	44.0	38.1	32.6
-77.5°	79.1	72.8	66.4	61.0	55.3	49.7	44.2	38.9	34.4	30.1	25.5
-80°	56.0	52.2	48.3	44.5	40.1	35.9	32.5	29.0	25.7	22.1	18.3
-82.5°	35.2	33.4	31.7	29.7	27.3	24.7	22.1	19.5	16.9	14.1	12.1
-85°	20.8	19.6	18.3	16.8	15.2	13.5	12.5	11.4	10.3	9.2	8.1
-87.5°	9.1	8.7	8.2	7.7	7.3	6.7	6.2	5.7	5.2	4.6	4.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
85°	7.0	5.8	4.7	3.5	2.4	1.2	0.0
82.5°	10.5	8.7	7.0	5.3	3.5	1.8	0.0
80°	14.3	11.6	9.3	7.0	4.7	2.3	0.0
77.5°	20.5	15.3	11.6	8.7	5.8	2.9	0.0
75°	26.7	20.4	14.2	10.5	7.0	3.5	0.0
72.5°	32.9	25.4	18.2	12.1	8.1	4.1	0.0
70°	38.9	30.3	22.0	14.0	9.2	4.6	0.0
67.5°	45.0	35.2	25.8	16.8	10.3	5.2	0.0
65°	51.0	40.1	29.6	19.6	11.4	5.7	0.0
62.5°	57.0	45.3	33.2	22.3	12.5	6.2	0.0
60°	62.9	50.3	36.7	24.9	13.5	6.7	0.0
57.5°	70.3	55.3	40.8	27.4	15.2	7.3	0.0
55°	77.8	60.2	44.8	29.9	16.9	7.7	0.0
52.5°	85.0	65.2	48.7	32.3	18.5	8.2	0.0
50°	92.0	71.1	52.5	34.6	20.1	8.7	0.0
47.5°	99.0	76.7	56.2	36.9	21.6	9.1	0.0
45°	106.9	82.1	59.8	39.6	23.1	9.5	0.0
42.5°	114.3	87.4	63.3	42.2	24.5	10.0	0.0
40°	121.4	92.3	67.0	44.8	25.9	10.3	0.0
37.5°	128.1	97.1	70.8	47.2	27.2	10.7	0.0
35°	134.3	102.1	74.4	49.5	28.5	11.1	0.0
32.5°	140.2	106.9	77.8	51.5	29.7	11.4	0.0
30°	146.2	111.4	80.9	53.4	30.8	11.7	0.0
27.5°	151.8	115.6	83.6	55.2	31.9	12.0	0.0
25°	157.0	119.4	86.1	56.8	32.9	12.2	0.0
22.5°	161.8	122.7	88.3	58.1	33.8	12.5	0.0
20°	166.1	125.5	90.3	59.4	34.6	12.7	0.0
17.5°	169.9	128.0	92.0	60.4	35.4	12.9	0.0
15°	173.2	130.2	93.5	61.3	36.1	13.0	0.0
12.5°	176.0	131.9	94.7	62.0	36.7	13.2	0.0
10°	178.4	133.4	95.7	62.5	37.2	13.3	0.0
7.5°	180.3	134.4	96.4	62.9	37.6	13.4	0.0
5°	181.6	135.1	96.9	63.1	37.9	13.4	0.0
2.5°	182.4	135.4	97.1	63.2	38.2	13.5	0.0
0°	182.7	135.3	97.0	63.1	38.3	13.5	0.0
-2.5°	182.4	135.4	97.1	63.2	38.2	13.5	0.0
-5°	181.6	135.1	96.9	63.1	37.9	13.4	0.0
-7.5°	180.3	134.4	96.4	62.9	37.6	13.4	0.0
-10°	178.4	133.4	95.7	62.5	37.2	13.3	0.0
-12.5°	176.0	131.9	94.7	62.0	36.7	13.2	0.0
-15°	173.2	130.2	93.5	61.3	36.1	13.0	0.0
-17.5°	169.9	128.0	92.0	60.4	35.4	12.9	0.0
-20°	166.1	125.5	90.3	59.4	34.6	12.7	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	161.8	122.7	88.3	58.1	33.8	12.5	0.0
-25°	157.0	119.4	86.1	56.8	32.9	12.2	0.0
-27.5°	151.8	115.6	83.6	55.2	31.9	12.0	0.0
-30°	146.2	111.4	80.9	53.4	30.8	11.7	0.0
-32.5°	140.2	106.9	77.8	51.5	29.7	11.4	0.0
-35°	134.3	102.1	74.4	49.5	28.5	11.1	0.0
-37.5°	128.1	97.1	70.8	47.2	27.2	10.7	0.0
-40°	121.4	92.3	67.0	44.8	25.9	10.3	0.0
-42.5°	114.3	87.4	63.3	42.2	24.5	10.0	0.0
-45°	106.9	82.1	59.8	39.6	23.1	9.5	0.0
-47.5°	99.0	76.7	56.2	36.9	21.6	9.1	0.0
-50°	92.0	71.1	52.5	34.6	20.1	8.7	0.0
-52.5°	85.0	65.2	48.7	32.3	18.5	8.2	0.0
-55°	77.8	60.2	44.8	29.9	16.9	7.7	0.0
-57.5°	70.3	55.3	40.8	27.4	15.2	7.3	0.0
-60°	62.9	50.3	36.7	24.9	13.5	6.7	0.0
-62.5°	57.0	45.3	33.2	22.3	12.5	6.2	0.0
-65°	51.0	40.1	29.6	19.6	11.4	5.7	0.0
-67.5°	45.0	35.2	25.8	16.8	10.3	5.2	0.0
-70°	38.9	30.3	22.0	14.0	9.2	4.6	0.0
-72.5°	32.9	25.4	18.2	12.1	8.1	4.1	0.0
-75°	26.7	20.4	14.2	10.5	7.0	3.5	0.0
-77.5°	20.5	15.3	11.6	8.7	5.8	2.9	0.0
-80°	14.3	11.6	9.3	7.0	4.7	2.3	0.0
-82.5°	10.5	8.7	7.0	5.3	3.5	1.8	0.0
-85°	7.0	5.8	4.7	3.5	2.4	1.2	0.0
-87.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)