

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: P558468 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558468 (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-SA1A-930-U-MR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

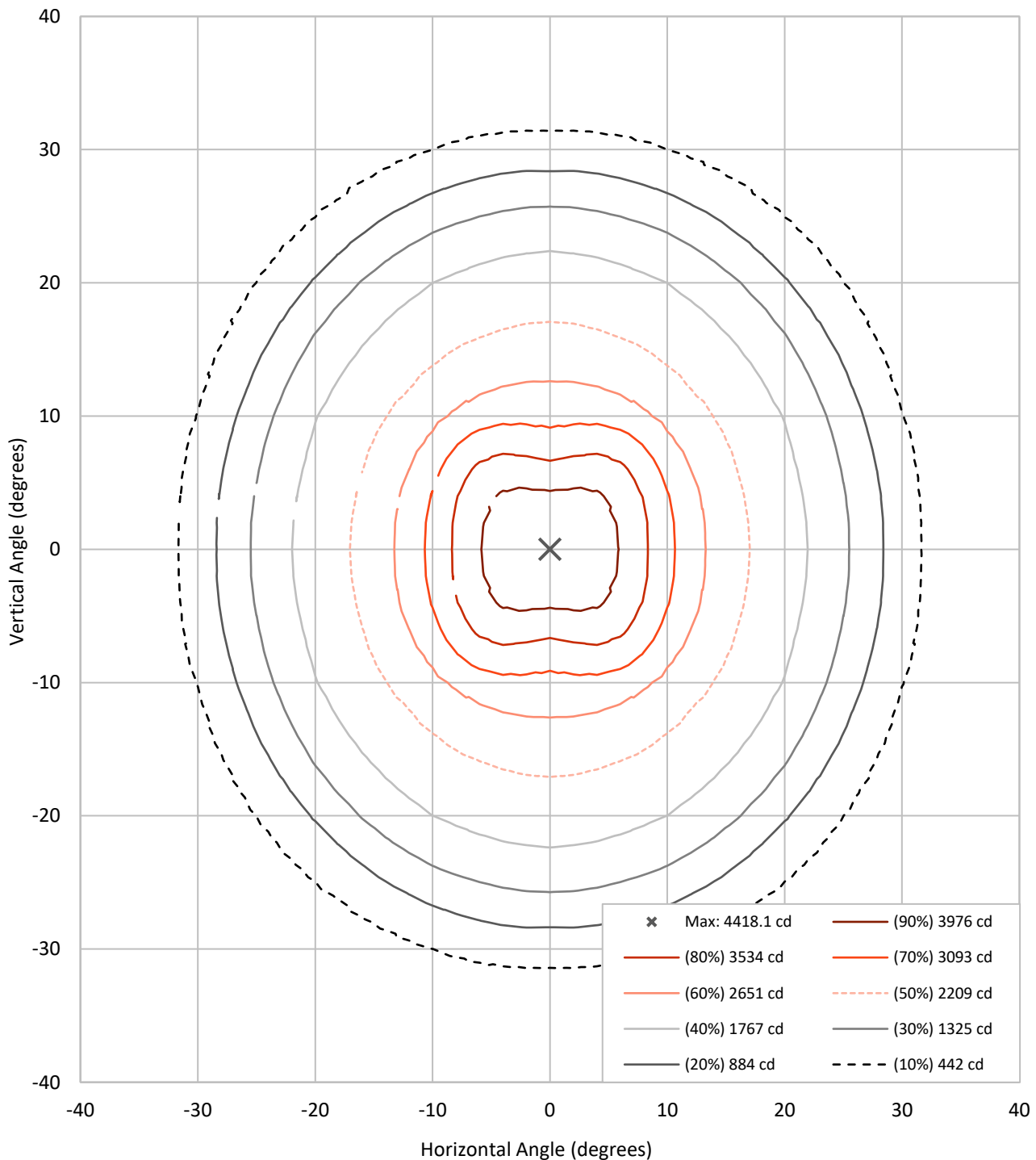
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	1954.4 lumens	Max Intensity:	4418.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.6 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	832.5 lumens	Field Lumens:	1701.4 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 18
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



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Iso-Candela Plot





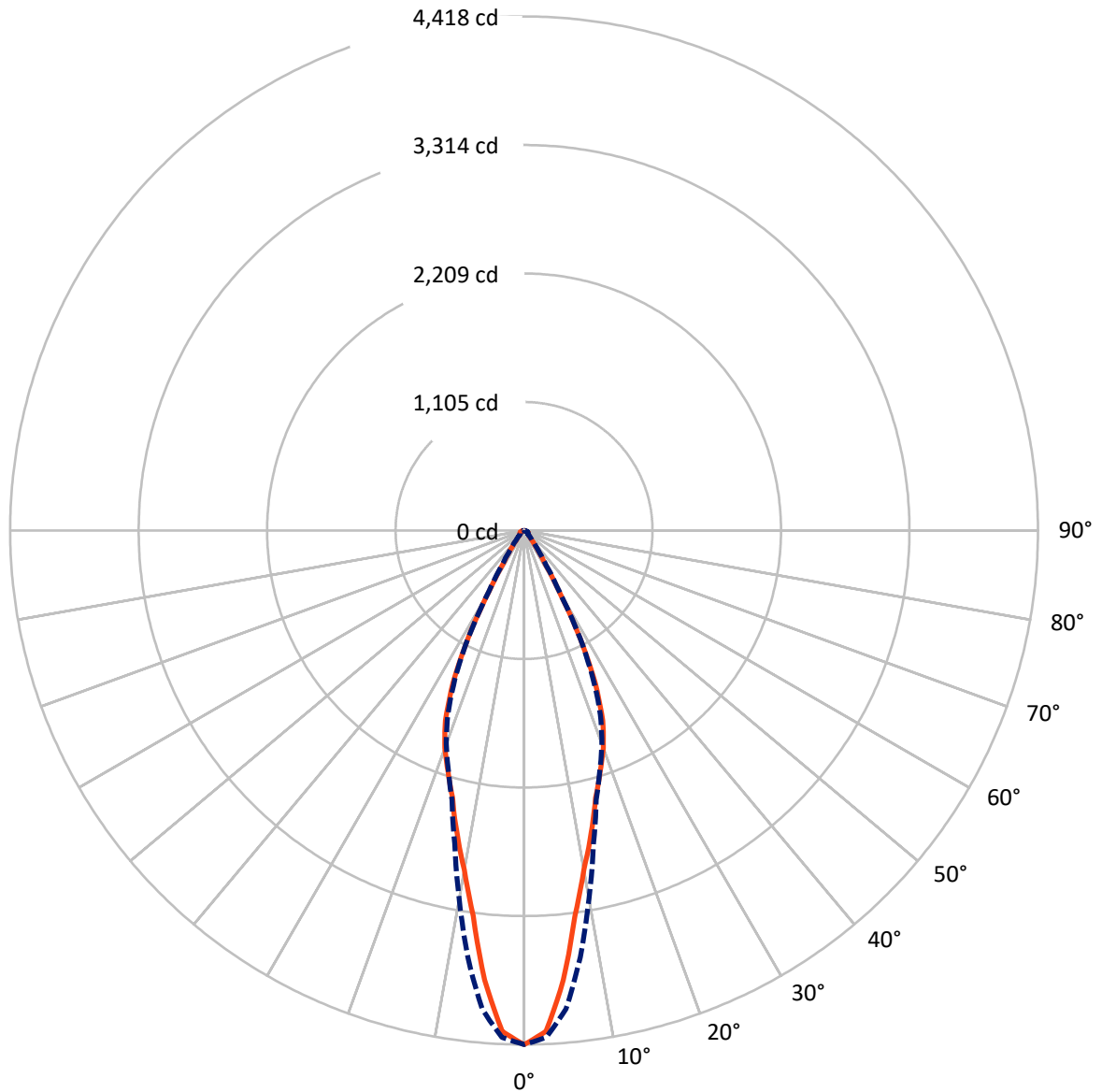
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Lumen Table

90																			
80	0.0	0.2		0.6		1.0		1.2		1.0		0.6		0.2		0.0			
70																			
60	0.1	0.1	0.3	0.4	0.6	0.8	1.0	1.0	1.0	1.0	0.8	0.6	0.4	0.3	0.1	0.1			
50		0.2	0.4	0.7	0.9	1.1	1.1	1.2	1.2	1.1	1.1	0.9	0.7	0.4	0.2				
40	0.2	0.3	0.6	0.8	1.0	1.2	1.5	1.8	1.8	1.5	1.2	1.0	0.8	0.6	0.3	0.2			
30		0.3	0.6	0.8	1.3	2.5	4.7	7.2	7.2	4.7	2.5	1.3	0.8	0.6	0.3				
20	0.3	0.4	0.7	0.9	2.3	7.6	23.9	39.4	39.4	23.9	7.6	2.3	0.9	0.7	0.4	0.3			
10		0.4	0.7	1.2	4.3	22.5	53.3	70.6	70.6	53.3	22.5	4.3	1.2	0.7	0.4				
0	0.3	0.4	0.7	1.3	6.5	35.5	69.3	109.3	109.3	69.3	35.5	6.5	1.3	0.7	0.4	0.3			
-10		0.4	0.7	1.3	6.5	35.5	69.3	109.3	109.3	69.3	35.5	6.5	1.3	0.7	0.4				
-20	0.3	0.4	0.7	1.2	4.3	22.5	53.3	70.6	70.6	53.3	22.5	4.3	1.2	0.7	0.4	0.3			
-30		0.4	0.7	0.9	2.3	7.6	23.9	39.4	39.4	23.9	7.6	2.3	0.9	0.7	0.4				
-40	0.2	0.3	0.6	0.8	1.3	2.5	4.7	7.2	7.2	4.7	2.5	1.3	0.8	0.6	0.3	0.2			
-50		0.3	0.6	0.8	1.0	1.2	1.5	1.8	1.8	1.5	1.2	1.0	0.8	0.6	0.3				
-60	0.1	0.2	0.4	0.7	0.9	1.1	1.1	1.2	1.2	1.1	1.1	0.9	0.7	0.4	0.2	0.1			
-70		0.1	0.3	0.4	0.6	0.8	1.0	1.0	1.0	1.0	0.8	0.6	0.4	0.3	0.1				
-80	0.0	0.2		0.6		1.0		1.2		1.0		0.6		0.2		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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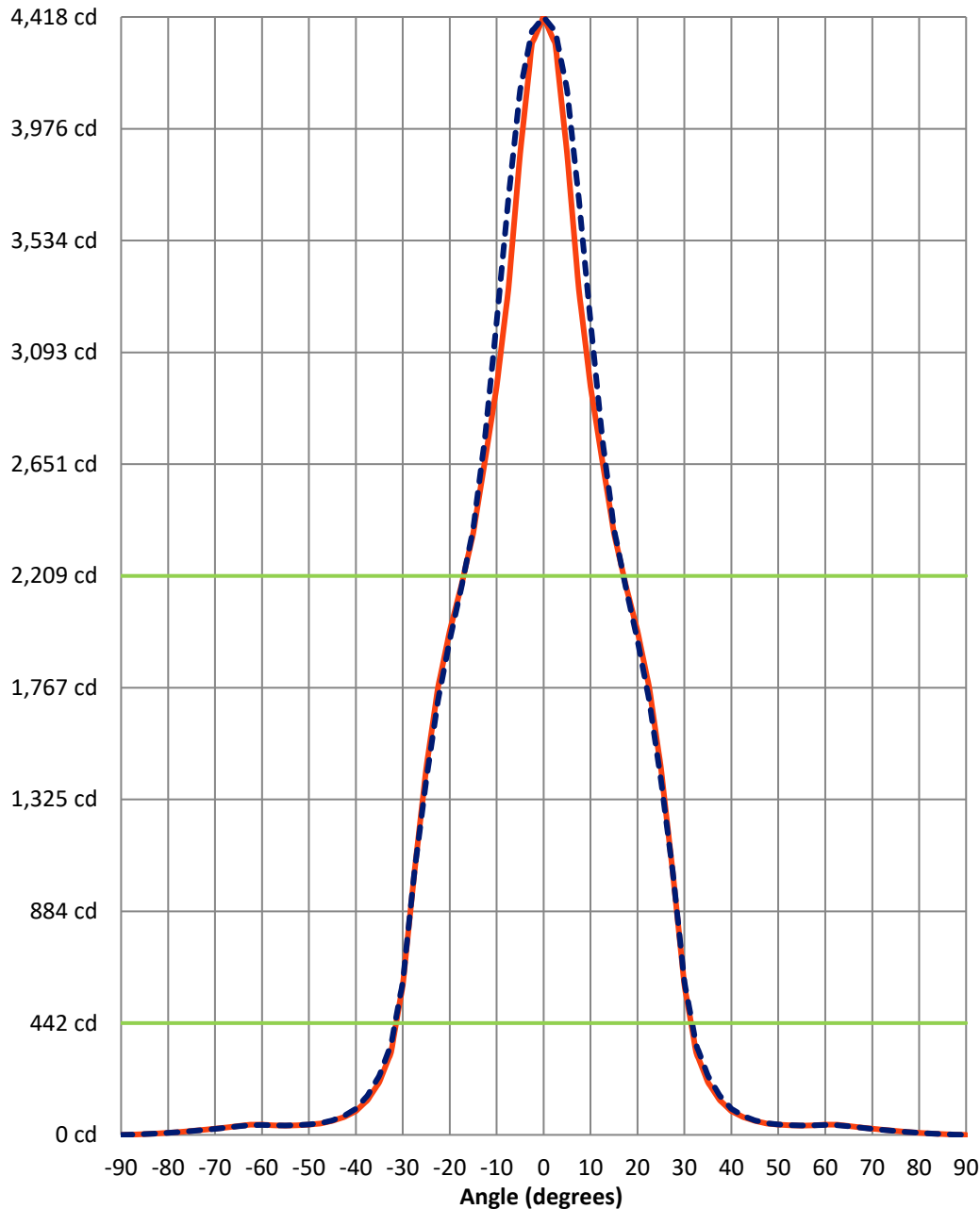
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 34°
 V Angle: 34.1°
 Lumens: 832.5
 Efficiency: 42.6%

Field:
 H Angle: 63.3°
 V Angle: 62.8°
 Lumens: 1701.4
 Efficiency: 87.1%

Spill:
 Lumens: 253
 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	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.4	1.6
80°	0.0	0.2	0.4	0.6	0.8	0.9	1.2	1.5	1.8	2.1	2.4
77.5°	0.0	0.2	0.5	0.7	0.9	1.3	1.7	2.1	2.5	2.9	3.2
75°	0.0	0.3	0.6	0.9	1.2	1.7	2.2	2.7	3.2	3.6	4.1
72.5°	0.0	0.3	0.7	1.0	1.5	2.1	2.7	3.3	3.9	4.4	5.0
70°	0.0	0.4	0.8	1.1	1.8	2.5	3.2	3.9	4.5	5.2	6.1
67.5°	0.0	0.4	0.8	1.4	2.1	2.9	3.7	4.5	5.2	6.3	7.3
65°	0.0	0.5	0.9	1.6	2.5	3.3	4.2	5.0	6.1	7.3	8.5
62.5°	0.0	0.5	1.0	1.8	2.8	3.8	4.7	5.8	7.0	8.3	9.9
60°	0.0	0.5	1.1	2.1	3.1	4.2	5.2	6.5	7.9	9.5	11.2
57.5°	0.0	0.6	1.2	2.3	3.4	4.6	5.8	7.3	8.9	10.7	12.6
55°	0.0	0.6	1.4	2.5	3.7	5.0	6.4	8.0	9.9	11.9	13.9
52.5°	0.0	0.7	1.5	2.7	4.0	5.4	7.1	8.9	10.9	13.0	15.3
50°	0.0	0.7	1.7	2.9	4.3	5.9	7.6	9.7	11.9	14.2	16.6
47.5°	0.0	0.7	1.8	3.1	4.6	6.3	8.2	10.5	12.8	15.3	18.0
45°	0.0	0.8	1.9	3.3	4.9	6.8	8.9	11.2	13.7	16.4	19.3
42.5°	0.0	0.8	2.0	3.5	5.2	7.2	9.5	12.0	14.6	17.6	20.7
40°	0.0	0.8	2.1	3.7	5.5	7.7	10.1	12.7	15.5	18.7	22.0
37.5°	0.0	0.9	2.3	3.9	5.8	8.0	10.6	13.4	16.5	19.8	23.3
35°	0.0	0.9	2.4	4.1	6.1	8.5	11.1	14.1	17.4	20.9	24.5
32.5°	0.0	0.9	2.5	4.3	6.4	8.9	11.6	14.7	18.2	21.8	25.6
30°	0.0	1.0	2.6	4.4	6.7	9.2	12.1	15.4	19.0	22.8	26.7
27.5°	0.0	1.0	2.7	4.6	6.9	9.6	12.6	16.0	19.7	23.6	27.7
25°	0.0	1.0	2.7	4.7	7.1	9.9	13.0	16.6	20.4	24.5	28.7
22.5°	0.0	1.0	2.8	4.8	7.3	10.2	13.4	17.1	21.0	25.2	29.6
20°	0.0	1.0	2.9	4.9	7.5	10.4	13.8	17.5	21.6	25.9	30.4
17.5°	0.0	1.0	3.0	5.0	7.6	10.6	14.1	17.9	22.1	26.5	31.1
15°	0.0	1.1	3.0	5.1	7.8	10.8	14.4	18.3	22.5	27.0	31.7
12.5°	0.0	1.1	3.1	5.1	7.9	10.9	14.6	18.6	22.9	27.4	32.3
10°	0.0	1.1	3.1	5.2	8.0	11.0	14.8	18.9	23.2	27.8	32.7
7.5°	0.0	1.1	3.1	5.2	8.0	11.1	15.0	19.0	23.4	28.2	33.2
5°	0.0	1.1	3.2	5.2	8.1	11.2	15.1	19.2	23.5	28.4	33.6
2.5°	0.0	1.1	3.2	5.2	8.1	11.2	15.2	19.3	23.6	28.6	33.9
0°	0.0	1.1	3.2	5.2	8.1	11.2	15.2	19.3	23.6	28.6	33.9
-2.5°	0.0	1.1	3.2	5.2	8.1	11.2	15.2	19.3	23.6	28.6	33.9
-5°	0.0	1.1	3.2	5.2	8.1	11.2	15.1	19.2	23.5	28.4	33.6
-7.5°	0.0	1.1	3.1	5.2	8.0	11.1	15.0	19.0	23.4	28.2	33.2
-10°	0.0	1.1	3.1	5.2	8.0	11.0	14.8	18.9	23.2	27.8	32.7
-12.5°	0.0	1.1	3.1	5.1	7.9	10.9	14.6	18.6	22.9	27.4	32.3
-15°	0.0	1.1	3.0	5.1	7.8	10.8	14.4	18.3	22.5	27.0	31.7
-17.5°	0.0	1.0	3.0	5.0	7.6	10.6	14.1	17.9	22.1	26.5	31.1
-20°	0.0	1.0	2.9	4.9	7.5	10.4	13.8	17.5	21.6	25.9	30.4



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 CATALOG NUMBER: GFLD-SA1A-930-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	1.0	2.8	4.8	7.3	10.2	13.4	17.1	21.0	25.2	29.6
-25°	0.0	1.0	2.7	4.7	7.1	9.9	13.0	16.6	20.4	24.5	28.7
-27.5°	0.0	1.0	2.7	4.6	6.9	9.6	12.6	16.0	19.7	23.6	27.7
-30°	0.0	1.0	2.6	4.4	6.7	9.2	12.1	15.4	19.0	22.8	26.7
-32.5°	0.0	0.9	2.5	4.3	6.4	8.9	11.6	14.7	18.2	21.8	25.6
-35°	0.0	0.9	2.4	4.1	6.1	8.5	11.1	14.1	17.4	20.9	24.5
-37.5°	0.0	0.9	2.3	3.9	5.8	8.0	10.6	13.4	16.5	19.8	23.3
-40°	0.0	0.8	2.1	3.7	5.5	7.7	10.1	12.7	15.5	18.7	22.0
-42.5°	0.0	0.8	2.0	3.5	5.2	7.2	9.5	12.0	14.6	17.6	20.7
-45°	0.0	0.8	1.9	3.3	4.9	6.8	8.9	11.2	13.7	16.4	19.3
-47.5°	0.0	0.7	1.8	3.1	4.6	6.3	8.2	10.5	12.8	15.3	18.0
-50°	0.0	0.7	1.7	2.9	4.3	5.9	7.6	9.7	11.9	14.2	16.6
-52.5°	0.0	0.7	1.5	2.7	4.0	5.4	7.1	8.9	10.9	13.0	15.3
-55°	0.0	0.6	1.4	2.5	3.7	5.0	6.4	8.0	9.9	11.9	13.9
-57.5°	0.0	0.6	1.2	2.3	3.4	4.6	5.8	7.3	8.9	10.7	12.6
-60°	0.0	0.5	1.1	2.1	3.1	4.2	5.2	6.5	7.9	9.5	11.2
-62.5°	0.0	0.5	1.0	1.8	2.8	3.8	4.7	5.8	7.0	8.3	9.9
-65°	0.0	0.5	0.9	1.6	2.5	3.3	4.2	5.0	6.1	7.3	8.5
-67.5°	0.0	0.4	0.8	1.4	2.1	2.9	3.7	4.5	5.2	6.3	7.3
-70°	0.0	0.4	0.8	1.1	1.8	2.5	3.2	3.9	4.5	5.2	6.1
-72.5°	0.0	0.3	0.7	1.0	1.5	2.1	2.7	3.3	3.9	4.4	5.0
-75°	0.0	0.3	0.6	0.9	1.2	1.7	2.2	2.7	3.2	3.6	4.1
-77.5°	0.0	0.2	0.5	0.7	0.9	1.3	1.7	2.1	2.5	2.9	3.2
-80°	0.0	0.2	0.4	0.6	0.8	0.9	1.2	1.5	1.8	2.1	2.4
-82.5°	0.0	0.1	0.3	0.4	0.6	0.7	0.9	1.0	1.1	1.4	1.6
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.9
-87.5°	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5
-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):

	-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°	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
85°	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
82.5°	1.8	2.0	2.3	2.5	2.6	2.8	2.9	3.1	3.3	3.6	3.8
80°	2.7	3.0	3.3	3.7	4.0	4.3	4.6	4.9	5.2	5.6	5.9
77.5°	3.7	4.1	4.6	5.0	5.5	6.0	6.5	7.1	7.5	7.9	8.3
75°	4.7	5.2	5.9	6.6	7.3	8.0	8.6	9.4	10.0	10.6	11.1
72.5°	5.8	6.6	7.5	8.3	9.2	10.1	11.0	11.9	12.6	13.3	14.0
70°	7.1	8.0	9.1	10.2	11.3	12.4	13.3	14.3	15.2	16.1	17.1
67.5°	8.4	9.6	10.9	12.2	13.4	14.6	15.7	16.9	18.1	19.3	20.5
65°	9.9	11.3	12.8	14.2	15.6	17.0	18.4	19.8	21.3	22.6	23.9
62.5°	11.3	13.0	14.7	16.3	17.9	19.5	21.2	22.8	24.4	26.0	27.6
60°	12.9	14.8	16.6	18.4	20.2	22.2	24.0	25.9	27.8	29.6	31.4
57.5°	14.5	16.5	18.5	20.5	22.7	24.8	26.9	29.1	31.3	33.4	35.3
55°	16.1	18.2	20.4	22.8	25.1	27.5	29.9	32.5	34.9	36.6	38.3
52.5°	17.6	19.9	22.4	25.0	27.6	30.3	33.2	35.6	37.6	39.1	39.4
50°	19.1	21.7	24.4	27.2	30.1	33.2	35.9	38.1	39.2	39.6	39.4
47.5°	20.7	23.5	26.4	29.4	32.7	35.6	38.2	39.3	39.8	39.2	38.5
45°	22.3	25.3	28.4	31.7	34.9	37.7	39.1	39.9	39.2	38.5	38.0
42.5°	23.8	27.1	30.4	33.8	36.8	38.8	39.7	39.2	38.6	38.1	38.3
40°	25.3	28.7	32.3	35.5	38.3	39.3	39.1	38.6	38.2	38.5	39.3
37.5°	26.8	30.5	34.2	37.3	38.8	39.2	38.5	38.1	38.4	39.3	41.0
35°	28.2	32.1	35.7	38.3	39.3	38.6	38.1	38.1	39.1	40.9	43.4
32.5°	29.6	33.7	37.1	38.8	38.9	38.1	37.8	38.7	40.2	42.6	46.8
30°	30.9	35.0	38.1	39.2	38.4	37.9	38.1	39.3	41.5	45.4	52.2
27.5°	32.1	36.1	38.5	39.0	38.0	37.6	38.5	40.4	43.5	48.8	58.5
25°	33.3	37.1	38.8	38.6	37.8	37.8	39.0	41.3	45.7	54.1	67.5
22.5°	34.2	38.0	39.1	38.2	37.6	38.1	39.8	43.0	48.8	59.2	76.9
20°	34.9	38.3	39.0	37.9	37.3	38.3	40.5	44.7	53.0	67.2	87.4
17.5°	35.6	38.5	38.8	37.7	37.5	38.7	41.3	46.2	56.8	74.0	97.6
15°	36.2	38.7	38.5	37.6	37.6	39.2	42.5	49.0	61.3	80.4	106.7
12.5°	36.7	38.8	38.3	37.4	37.8	39.7	43.6	51.6	65.8	87.4	121.3
10°	37.2	39.0	38.1	37.3	37.9	40.0	44.4	53.6	69.3	93.4	133.6
7.5°	37.6	39.1	37.9	37.2	37.9	40.3	45.0	55.1	71.7	98.1	142.7
5°	37.9	39.1	37.8	37.1	38.0	40.6	45.5	56.0	73.2	101.6	148.9
2.5°	38.1	39.2	37.7	37.1	38.2	40.9	45.9	56.9	74.5	103.3	153.2
0°	38.2	39.2	37.7	37.1	38.4	41.2	46.1	57.2	75.1	103.3	155.9
-2.5°	38.1	39.2	37.7	37.1	38.2	40.9	45.9	56.9	74.5	103.3	153.2
-5°	37.9	39.1	37.8	37.1	38.0	40.6	45.5	56.0	73.2	101.6	148.9
-7.5°	37.6	39.1	37.9	37.2	37.9	40.3	45.0	55.1	71.7	98.1	142.7
-10°	37.2	39.0	38.1	37.3	37.9	40.0	44.4	53.6	69.3	93.4	133.6
-12.5°	36.7	38.8	38.3	37.4	37.8	39.7	43.6	51.6	65.8	87.4	121.3
-15°	36.2	38.7	38.5	37.6	37.6	39.2	42.5	49.0	61.3	80.4	106.7
-17.5°	35.6	38.5	38.8	37.7	37.5	38.7	41.3	46.2	56.8	74.0	97.6
-20°	34.9	38.3	39.0	37.9	37.3	38.3	40.5	44.7	53.0	67.2	87.4



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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°	34.2	38.0	39.1	38.2	37.6	38.1	39.8	43.0	48.8	59.2	76.9
-25°	33.3	37.1	38.8	38.6	37.8	37.8	39.0	41.3	45.7	54.1	67.5
-27.5°	32.1	36.1	38.5	39.0	38.0	37.6	38.5	40.4	43.5	48.8	58.5
-30°	30.9	35.0	38.1	39.2	38.4	37.9	38.1	39.3	41.5	45.4	52.2
-32.5°	29.6	33.7	37.1	38.8	38.9	38.1	37.8	38.7	40.2	42.6	46.8
-35°	28.2	32.1	35.7	38.3	39.3	38.6	38.1	38.1	39.1	40.9	43.4
-37.5°	26.8	30.5	34.2	37.3	38.8	39.2	38.5	38.1	38.4	39.3	41.0
-40°	25.3	28.7	32.3	35.5	38.3	39.3	39.1	38.6	38.2	38.5	39.3
-42.5°	23.8	27.1	30.4	33.8	36.8	38.8	39.7	39.2	38.6	38.1	38.3
-45°	22.3	25.3	28.4	31.7	34.9	37.7	39.1	39.9	39.2	38.5	38.0
-47.5°	20.7	23.5	26.4	29.4	32.7	35.6	38.2	39.3	39.8	39.2	38.5
-50°	19.1	21.7	24.4	27.2	30.1	33.2	35.9	38.1	39.2	39.6	39.4
-52.5°	17.6	19.9	22.4	25.0	27.6	30.3	33.2	35.6	37.6	39.1	39.4
-55°	16.1	18.2	20.4	22.8	25.1	27.5	29.9	32.5	34.9	36.6	38.3
-57.5°	14.5	16.5	18.5	20.5	22.7	24.8	26.9	29.1	31.3	33.4	35.3
-60°	12.9	14.8	16.6	18.4	20.2	22.2	24.0	25.9	27.8	29.6	31.4
-62.5°	11.3	13.0	14.7	16.3	17.9	19.5	21.2	22.8	24.4	26.0	27.6
-65°	9.9	11.3	12.8	14.2	15.6	17.0	18.4	19.8	21.3	22.6	23.9
-67.5°	8.4	9.6	10.9	12.2	13.4	14.6	15.7	16.9	18.1	19.3	20.5
-70°	7.1	8.0	9.1	10.2	11.3	12.4	13.3	14.3	15.2	16.1	17.1
-72.5°	5.8	6.6	7.5	8.3	9.2	10.1	11.0	11.9	12.6	13.3	14.0
-75°	4.7	5.2	5.9	6.6	7.3	8.0	8.6	9.4	10.0	10.6	11.1
-77.5°	3.7	4.1	4.6	5.0	5.5	6.0	6.5	7.1	7.5	7.9	8.3
-80°	2.7	3.0	3.3	3.7	4.0	4.3	4.6	4.9	5.2	5.6	5.9
-82.5°	1.8	2.0	2.3	2.5	2.6	2.8	2.9	3.1	3.3	3.6	3.8
-85°	1.0	1.1	1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1
-87.5°	0.5	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.8	0.9
-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°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0
85°	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	2.9	2.9
82.5°	4.0	4.2	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.2	5.3
80°	6.2	6.5	6.7	7.0	7.1	7.3	7.5	7.6	7.7	7.9	8.1
77.5°	8.7	9.1	9.5	9.8	10.1	10.4	10.7	10.9	11.2	11.3	11.4
75°	11.6	12.1	12.6	13.1	13.5	13.9	14.3	14.7	15.0	15.3	15.4
72.5°	14.7	15.4	16.0	16.6	17.1	17.6	18.2	18.6	19.1	19.4	19.6
70°	18.1	18.9	19.6	20.3	21.0	21.6	22.3	22.8	23.3	23.7	24.0
67.5°	21.5	22.5	23.4	24.3	25.2	26.0	26.7	27.4	28.1	28.6	28.9
65°	25.1	26.4	27.5	28.5	29.5	30.4	31.4	32.3	33.0	33.7	34.2
62.5°	29.0	30.5	31.8	33.0	34.1	34.9	35.8	36.6	37.4	38.1	38.8
60°	33.2	34.8	35.9	36.9	37.8	38.6	38.9	39.3	39.5	39.7	40.0
57.5°	36.7	38.1	39.1	39.3	39.5	39.6	39.5	39.2	38.9	38.6	38.3
55°	39.2	39.6	40.0	39.6	39.1	38.6	38.1	37.8	37.6	37.3	37.0
52.5°	39.8	39.4	39.0	38.5	38.1	37.7	37.3	37.4	37.5	37.6	37.6
50°	38.8	38.4	38.2	37.9	38.0	38.1	38.3	38.6	39.1	39.4	39.7
47.5°	38.1	37.9	38.2	38.7	39.1	39.9	40.6	41.3	42.4	43.3	44.0
45°	37.9	38.6	39.4	40.5	41.5	43.3	45.0	46.4	49.0	51.3	53.2
42.5°	39.0	40.2	41.6	43.8	46.2	49.4	53.4	56.8	60.8	64.5	67.2
40°	40.8	42.6	45.6	49.2	54.9	60.0	66.7	72.4	77.7	83.4	87.7
37.5°	43.3	46.7	52.3	58.8	67.5	75.8	85.0	93.9	101.5	113.0	122.0
35°	47.1	53.9	61.8	72.8	84.1	96.8	110.3	127.6	142.9	160.7	177.5
32.5°	53.9	63.1	75.6	90.4	105.4	127.4	148.2	176.4	201.6	233.2	267.1
30°	62.0	75.7	92.5	111.8	139.0	169.3	203.4	246.6	297.9	358.9	440.8
27.5°	73.1	90.7	111.8	143.1	181.7	222.3	282.8	355.4	487.5	602.7	755.3
25°	85.0	106.6	140.0	182.0	232.8	305.9	424.2	575.1	788.9	993.3	1156.6
22.5°	98.8	130.3	172.4	224.8	307.1	448.5	632.1	897.9	1136.2	1342.4	1501.1
20°	114.1	153.5	210.2	290.2	430.3	637.4	932.2	1205.0	1448.4	1625.9	1766.1
17.5°	133.9	185.4	257.2	367.7	582.6	901.8	1205.7	1475.3	1687.2	1843.1	1967.4
15°	152.3	214.7	307.8	496.2	789.6	1130.8	1442.3	1682.8	1866.1	2011.2	2123.0
12.5°	174.1	247.6	366.9	607.3	980.0	1319.7	1610.3	1834.8	2011.4	2147.3	2297.2
10°	193.5	283.0	451.7	755.3	1136.3	1468.1	1750.3	1952.1	2129.2	2306.4	2531.1
7.5°	209.5	312.8	521.1	880.2	1256.4	1577.9	1835.0	2036.7	2231.8	2468.5	2792.5
5°	222.2	335.2	578.3	974.5	1343.6	1656.3	1899.7	2104.1	2324.5	2641.1	3076.0
2.5°	230.7	349.9	614.0	1031.5	1398.6	1701.2	1947.7	2148.3	2379.3	2737.8	3192.1
0°	234.1	356.6	604.9	1041.8	1402.0	1715.9	1954.8	2164.7	2394.9	2753.9	3213.4
-2.5°	230.7	349.9	614.0	1031.5	1398.6	1701.2	1947.7	2148.3	2379.3	2737.8	3192.1
-5°	222.2	335.2	578.3	974.5	1343.6	1656.3	1899.7	2104.1	2324.5	2641.1	3076.0
-7.5°	209.5	312.8	521.1	880.2	1256.4	1577.9	1835.0	2036.7	2231.8	2468.5	2792.5
-10°	193.5	283.0	451.7	755.3	1136.3	1468.1	1750.3	1952.1	2129.2	2306.4	2531.1
-12.5°	174.1	247.6	366.9	607.3	980.0	1319.7	1610.3	1834.8	2011.4	2147.3	2297.2
-15°	152.3	214.7	307.8	496.2	789.6	1130.8	1442.3	1682.8	1866.1	2011.2	2123.0
-17.5°	133.9	185.4	257.2	367.7	582.6	901.8	1205.7	1475.3	1687.2	1843.1	1967.4
-20°	114.1	153.5	210.2	290.2	430.3	637.4	932.2	1205.0	1448.4	1625.9	1766.1



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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°	98.8	130.3	172.4	224.8	307.1	448.5	632.1	897.9	1136.2	1342.4	1501.1
-25°	85.0	106.6	140.0	182.0	232.8	305.9	424.2	575.1	788.9	993.3	1156.6
-27.5°	73.1	90.7	111.8	143.1	181.7	222.3	282.8	355.4	487.5	602.7	755.3
-30°	62.0	75.7	92.5	111.8	139.0	169.3	203.4	246.6	297.9	358.9	440.8
-32.5°	53.9	63.1	75.6	90.4	105.4	127.4	148.2	176.4	201.6	233.2	267.1
-35°	47.1	53.9	61.8	72.8	84.1	96.8	110.3	127.6	142.9	160.7	177.5
-37.5°	43.3	46.7	52.3	58.8	67.5	75.8	85.0	93.9	101.5	113.0	122.0
-40°	40.8	42.6	45.6	49.2	54.9	60.0	66.7	72.4	77.7	83.4	87.7
-42.5°	39.0	40.2	41.6	43.8	46.2	49.4	53.4	56.8	60.8	64.5	67.2
-45°	37.9	38.6	39.4	40.5	41.5	43.3	45.0	46.4	49.0	51.3	53.2
-47.5°	38.1	37.9	38.2	38.7	39.1	39.9	40.6	41.3	42.4	43.3	44.0
-50°	38.8	38.4	38.2	37.9	38.0	38.1	38.3	38.6	39.1	39.4	39.7
-52.5°	39.8	39.4	39.0	38.5	38.1	37.7	37.3	37.4	37.5	37.6	37.6
-55°	39.2	39.6	40.0	39.6	39.1	38.6	38.1	37.8	37.6	37.3	37.0
-57.5°	36.7	38.1	39.1	39.3	39.5	39.6	39.5	39.2	38.9	38.6	38.3
-60°	33.2	34.8	35.9	36.9	37.8	38.6	38.9	39.3	39.5	39.7	40.0
-62.5°	29.0	30.5	31.8	33.0	34.1	34.9	35.8	36.6	37.4	38.1	38.8
-65°	25.1	26.4	27.5	28.5	29.5	30.4	31.4	32.3	33.0	33.7	34.2
-67.5°	21.5	22.5	23.4	24.3	25.2	26.0	26.7	27.4	28.1	28.6	28.9
-70°	18.1	18.9	19.6	20.3	21.0	21.6	22.3	22.8	23.3	23.7	24.0
-72.5°	14.7	15.4	16.0	16.6	17.1	17.6	18.2	18.6	19.1	19.4	19.6
-75°	11.6	12.1	12.6	13.1	13.5	13.9	14.3	14.7	15.0	15.3	15.4
-77.5°	8.7	9.1	9.5	9.8	10.1	10.4	10.7	10.9	11.2	11.3	11.4
-80°	6.2	6.5	6.7	7.0	7.1	7.3	7.5	7.6	7.7	7.9	8.1
-82.5°	4.0	4.2	4.4	4.6	4.7	4.8	5.0	5.1	5.2	5.2	5.3
-85°	2.2	2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9	2.9	2.9
-87.5°	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9	1.0
-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):

	-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°	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9
85°	3.0	3.0	3.1	3.2	3.1	3.0	3.0	2.9	2.9	2.9	2.8
82.5°	5.3	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.1
80°	8.2	8.4	8.3	8.2	8.3	8.4	8.2	8.1	7.9	7.7	7.6
77.5°	11.5	11.5	11.5	11.4	11.5	11.5	11.5	11.4	11.3	11.2	10.9
75°	15.5	15.6	15.7	15.7	15.7	15.6	15.5	15.4	15.3	15.0	14.7
72.5°	19.8	20.0	20.0	19.9	20.0	20.0	19.8	19.6	19.4	19.1	18.6
70°	24.3	24.5	24.6	24.6	24.6	24.5	24.3	24.0	23.7	23.3	22.8
67.5°	29.1	29.2	29.4	29.4	29.4	29.2	29.1	28.9	28.6	28.1	27.4
65°	34.6	35.0	35.1	35.0	35.1	35.0	34.6	34.2	33.7	33.0	32.3
62.5°	39.4	40.0	40.2	40.3	40.2	40.0	39.4	38.8	38.1	37.4	36.6
60°	40.2	40.4	40.5	40.5	40.5	40.4	40.2	40.0	39.7	39.5	39.3
57.5°	38.1	37.9	37.7	37.7	37.7	37.9	38.1	38.3	38.6	38.9	39.2
55°	36.8	36.6	36.5	36.5	36.5	36.6	36.8	37.0	37.3	37.6	37.8
52.5°	37.7	37.7	37.8	37.9	37.8	37.7	37.7	37.6	37.6	37.5	37.4
50°	40.0	40.1	40.3	40.5	40.3	40.1	40.0	39.7	39.4	39.1	38.6
47.5°	44.5	44.7	44.9	45.0	44.9	44.7	44.5	44.0	43.3	42.4	41.3
45°	54.4	55.1	55.4	55.5	55.4	55.1	54.4	53.2	51.3	49.0	46.4
42.5°	69.0	69.9	70.4	70.5	70.4	69.9	69.0	67.2	64.5	60.8	56.8
40°	90.7	92.5	93.3	93.9	93.3	92.5	90.7	87.7	83.4	77.7	72.4
37.5°	128.7	133.1	135.6	137.7	135.6	133.1	128.7	122.0	113.0	101.5	93.9
35°	191.2	201.2	207.1	208.4	207.1	201.2	191.2	177.5	160.7	142.9	127.6
32.5°	293.2	312.9	324.6	326.1	324.6	312.9	293.2	267.1	233.2	201.6	176.4
30°	504.4	559.5	597.2	592.0	597.2	559.5	504.4	440.8	358.9	297.9	246.6
27.5°	880.4	980.2	1045.1	1039.7	1045.1	980.2	880.4	755.3	602.7	487.5	355.4
25°	1282.2	1374.1	1428.4	1448.5	1428.4	1374.1	1282.2	1156.6	993.3	788.9	575.1
22.5°	1610.4	1692.6	1739.5	1767.6	1739.5	1692.6	1610.4	1501.1	1342.4	1136.2	897.9
20°	1861.8	1933.1	1973.4	1990.8	1973.4	1933.1	1861.8	1766.1	1625.9	1448.4	1205.0
17.5°	2055.3	2114.9	2160.6	2172.4	2160.6	2114.9	2055.3	1967.4	1843.1	1687.2	1475.3
15°	2226.4	2303.4	2357.4	2377.4	2357.4	2303.4	2226.4	2123.0	2011.2	1866.1	1682.8
12.5°	2442.1	2576.1	2647.4	2663.8	2647.4	2576.1	2442.1	2297.2	2147.3	2011.4	1834.8
10°	2761.0	2967.0	2990.3	2958.4	2990.3	2967.0	2761.0	2531.1	2306.4	2129.2	1952.1
7.5°	3225.5	3500.1	3440.7	3341.8	3440.7	3500.1	3225.5	2792.5	2468.5	2231.8	2036.7
5°	3557.8	3939.1	3951.0	3878.4	3951.0	3939.1	3557.8	3076.0	2641.1	2324.5	2104.1
2.5°	3690.1	4082.6	4278.0	4310.0	4278.0	4082.6	3690.1	3192.1	2737.8	2379.3	2148.3
0°	3700.1	4128.9	4360.5	4418.1	4360.5	4128.9	3700.1	3213.4	2753.9	2394.9	2164.7
-2.5°	3690.1	4082.6	4278.0	4310.0	4278.0	4082.6	3690.1	3192.1	2737.8	2379.3	2148.3
-5°	3557.8	3939.1	3951.0	3878.4	3951.0	3939.1	3557.8	3076.0	2641.1	2324.5	2104.1
-7.5°	3225.5	3500.1	3440.7	3341.8	3440.7	3500.1	3225.5	2792.5	2468.5	2231.8	2036.7
-10°	2761.0	2967.0	2990.3	2958.4	2990.3	2967.0	2761.0	2531.1	2306.4	2129.2	1952.1
-12.5°	2442.1	2576.1	2647.4	2663.8	2647.4	2576.1	2442.1	2297.2	2147.3	2011.4	1834.8
-15°	2226.4	2303.4	2357.4	2377.4	2357.4	2303.4	2226.4	2123.0	2011.2	1866.1	1682.8
-17.5°	2055.3	2114.9	2160.6	2172.4	2160.6	2114.9	2055.3	1967.4	1843.1	1687.2	1475.3
-20°	1861.8	1933.1	1973.4	1990.8	1973.4	1933.1	1861.8	1766.1	1625.9	1448.4	1205.0



REPORT NUMBER: P558468 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1610.4	1692.6	1739.5	1767.6	1739.5	1692.6	1610.4	1501.1	1342.4	1136.2	897.9
-25°	1282.2	1374.1	1428.4	1448.5	1428.4	1374.1	1282.2	1156.6	993.3	788.9	575.1
-27.5°	880.4	980.2	1045.1	1039.7	1045.1	980.2	880.4	755.3	602.7	487.5	355.4
-30°	504.4	559.5	597.2	592.0	597.2	559.5	504.4	440.8	358.9	297.9	246.6
-32.5°	293.2	312.9	324.6	326.1	324.6	312.9	293.2	267.1	233.2	201.6	176.4
-35°	191.2	201.2	207.1	208.4	207.1	201.2	191.2	177.5	160.7	142.9	127.6
-37.5°	128.7	133.1	135.6	137.7	135.6	133.1	128.7	122.0	113.0	101.5	93.9
-40°	90.7	92.5	93.3	93.9	93.3	92.5	90.7	87.7	83.4	77.7	72.4
-42.5°	69.0	69.9	70.4	70.5	70.4	69.9	69.0	67.2	64.5	60.8	56.8
-45°	54.4	55.1	55.4	55.5	55.4	55.1	54.4	53.2	51.3	49.0	46.4
-47.5°	44.5	44.7	44.9	45.0	44.9	44.7	44.5	44.0	43.3	42.4	41.3
-50°	40.0	40.1	40.3	40.5	40.3	40.1	40.0	39.7	39.4	39.1	38.6
-52.5°	37.7	37.7	37.8	37.9	37.8	37.7	37.7	37.6	37.6	37.5	37.4
-55°	36.8	36.6	36.5	36.5	36.5	36.6	36.8	37.0	37.3	37.6	37.8
-57.5°	38.1	37.9	37.7	37.7	37.7	37.9	38.1	38.3	38.6	38.9	39.2
-60°	40.2	40.4	40.5	40.5	40.5	40.4	40.2	40.0	39.7	39.5	39.3
-62.5°	39.4	40.0	40.2	40.3	40.2	40.0	39.4	38.8	38.1	37.4	36.6
-65°	34.6	35.0	35.1	35.0	35.1	35.0	34.6	34.2	33.7	33.0	32.3
-67.5°	29.1	29.2	29.4	29.4	29.4	29.2	29.1	28.9	28.6	28.1	27.4
-70°	24.3	24.5	24.6	24.6	24.6	24.5	24.3	24.0	23.7	23.3	22.8
-72.5°	19.8	20.0	20.0	19.9	20.0	20.0	19.8	19.6	19.4	19.1	18.6
-75°	15.5	15.6	15.7	15.7	15.7	15.6	15.5	15.4	15.3	15.0	14.7
-77.5°	11.5	11.5	11.5	11.4	11.5	11.5	11.5	11.4	11.3	11.2	10.9
-80°	8.2	8.4	8.3	8.2	8.3	8.4	8.2	8.1	7.9	7.7	7.6
-82.5°	5.3	5.4	5.4	5.4	5.4	5.4	5.3	5.3	5.2	5.2	5.1
-85°	3.0	3.0	3.1	3.2	3.1	3.0	3.0	2.9	2.9	2.9	2.8
-87.5°	1.0	1.1	1.1	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9
-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: P558468 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8
85°	2.7	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8
82.5°	5.0	4.8	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.1
80°	7.5	7.3	7.1	7.0	6.7	6.5	6.2	5.9	5.6	5.2	4.9
77.5°	10.7	10.4	10.1	9.8	9.5	9.1	8.7	8.3	7.9	7.5	7.1
75°	14.3	13.9	13.5	13.1	12.6	12.1	11.6	11.1	10.6	10.0	9.4
72.5°	18.2	17.6	17.1	16.6	16.0	15.4	14.7	14.0	13.3	12.6	11.9
70°	22.3	21.6	21.0	20.3	19.6	18.9	18.1	17.1	16.1	15.2	14.3
67.5°	26.7	26.0	25.2	24.3	23.4	22.5	21.5	20.5	19.3	18.1	16.9
65°	31.4	30.4	29.5	28.5	27.5	26.4	25.1	23.9	22.6	21.3	19.8
62.5°	35.8	34.9	34.1	33.0	31.8	30.5	29.0	27.6	26.0	24.4	22.8
60°	38.9	38.6	37.8	36.9	35.9	34.8	33.2	31.4	29.6	27.8	25.9
57.5°	39.5	39.6	39.5	39.3	39.1	38.1	36.7	35.3	33.4	31.3	29.1
55°	38.1	38.6	39.1	39.6	40.0	39.6	39.2	38.3	36.6	34.9	32.5
52.5°	37.3	37.7	38.1	38.5	39.0	39.4	39.8	39.4	39.1	37.6	35.6
50°	38.3	38.1	38.0	37.9	38.2	38.4	38.8	39.4	39.6	39.2	38.1
47.5°	40.6	39.9	39.1	38.7	38.2	37.9	38.1	38.5	39.2	39.8	39.3
45°	45.0	43.3	41.5	40.5	39.4	38.6	37.9	38.0	38.5	39.2	39.9
42.5°	53.4	49.4	46.2	43.8	41.6	40.2	39.0	38.3	38.1	38.6	39.2
40°	66.7	60.0	54.9	49.2	45.6	42.6	40.8	39.3	38.5	38.2	38.6
37.5°	85.0	75.8	67.5	58.8	52.3	46.7	43.3	41.0	39.3	38.4	38.1
35°	110.3	96.8	84.1	72.8	61.8	53.9	47.1	43.4	40.9	39.1	38.1
32.5°	148.2	127.4	105.4	90.4	75.6	63.1	53.9	46.8	42.6	40.2	38.7
30°	203.4	169.3	139.0	111.8	92.5	75.7	62.0	52.2	45.4	41.5	39.3
27.5°	282.8	222.3	181.7	143.1	111.8	90.7	73.1	58.5	48.8	43.5	40.4
25°	424.2	305.9	232.8	182.0	140.0	106.6	85.0	67.5	54.1	45.7	41.3
22.5°	632.1	448.5	307.1	224.8	172.4	130.3	98.8	76.9	59.2	48.8	43.0
20°	932.2	637.4	430.3	290.2	210.2	153.5	114.1	87.4	67.2	53.0	44.7
17.5°	1205.7	901.8	582.6	367.7	257.2	185.4	133.9	97.6	74.0	56.8	46.2
15°	1442.3	1130.8	789.6	496.2	307.8	214.7	152.3	106.7	80.4	61.3	49.0
12.5°	1610.3	1319.7	980.0	607.3	366.9	247.6	174.1	121.3	87.4	65.8	51.6
10°	1750.3	1468.1	1136.3	755.3	451.7	283.0	193.5	133.6	93.4	69.3	53.6
7.5°	1835.0	1577.9	1256.4	880.2	521.1	312.8	209.5	142.7	98.1	71.7	55.1
5°	1899.7	1656.3	1343.6	974.5	578.3	335.2	222.2	148.9	101.6	73.2	56.0
2.5°	1947.7	1701.2	1398.6	1031.5	614.0	349.9	230.7	153.2	103.3	74.5	56.9
0°	1954.8	1715.9	1402.0	1041.8	604.9	356.6	234.1	155.9	103.3	75.1	57.2
-2.5°	1947.7	1701.2	1398.6	1031.5	614.0	349.9	230.7	153.2	103.3	74.5	56.9
-5°	1899.7	1656.3	1343.6	974.5	578.3	335.2	222.2	148.9	101.6	73.2	56.0
-7.5°	1835.0	1577.9	1256.4	880.2	521.1	312.8	209.5	142.7	98.1	71.7	55.1
-10°	1750.3	1468.1	1136.3	755.3	451.7	283.0	193.5	133.6	93.4	69.3	53.6
-12.5°	1610.3	1319.7	980.0	607.3	366.9	247.6	174.1	121.3	87.4	65.8	51.6
-15°	1442.3	1130.8	789.6	496.2	307.8	214.7	152.3	106.7	80.4	61.3	49.0
-17.5°	1205.7	901.8	582.6	367.7	257.2	185.4	133.9	97.6	74.0	56.8	46.2
-20°	932.2	637.4	430.3	290.2	210.2	153.5	114.1	87.4	67.2	53.0	44.7



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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°	632.1	448.5	307.1	224.8	172.4	130.3	98.8	76.9	59.2	48.8	43.0
-25°	424.2	305.9	232.8	182.0	140.0	106.6	85.0	67.5	54.1	45.7	41.3
-27.5°	282.8	222.3	181.7	143.1	111.8	90.7	73.1	58.5	48.8	43.5	40.4
-30°	203.4	169.3	139.0	111.8	92.5	75.7	62.0	52.2	45.4	41.5	39.3
-32.5°	148.2	127.4	105.4	90.4	75.6	63.1	53.9	46.8	42.6	40.2	38.7
-35°	110.3	96.8	84.1	72.8	61.8	53.9	47.1	43.4	40.9	39.1	38.1
-37.5°	85.0	75.8	67.5	58.8	52.3	46.7	43.3	41.0	39.3	38.4	38.1
-40°	66.7	60.0	54.9	49.2	45.6	42.6	40.8	39.3	38.5	38.2	38.6
-42.5°	53.4	49.4	46.2	43.8	41.6	40.2	39.0	38.3	38.1	38.6	39.2
-45°	45.0	43.3	41.5	40.5	39.4	38.6	37.9	38.0	38.5	39.2	39.9
-47.5°	40.6	39.9	39.1	38.7	38.2	37.9	38.1	38.5	39.2	39.8	39.3
-50°	38.3	38.1	38.0	37.9	38.2	38.4	38.8	39.4	39.6	39.2	38.1
-52.5°	37.3	37.7	38.1	38.5	39.0	39.4	39.8	39.4	39.1	37.6	35.6
-55°	38.1	38.6	39.1	39.6	40.0	39.6	39.2	38.3	36.6	34.9	32.5
-57.5°	39.5	39.6	39.5	39.3	39.1	38.1	36.7	35.3	33.4	31.3	29.1
-60°	38.9	38.6	37.8	36.9	35.9	34.8	33.2	31.4	29.6	27.8	25.9
-62.5°	35.8	34.9	34.1	33.0	31.8	30.5	29.0	27.6	26.0	24.4	22.8
-65°	31.4	30.4	29.5	28.5	27.5	26.4	25.1	23.9	22.6	21.3	19.8
-67.5°	26.7	26.0	25.2	24.3	23.4	22.5	21.5	20.5	19.3	18.1	16.9
-70°	22.3	21.6	21.0	20.3	19.6	18.9	18.1	17.1	16.1	15.2	14.3
-72.5°	18.2	17.6	17.1	16.6	16.0	15.4	14.7	14.0	13.3	12.6	11.9
-75°	14.3	13.9	13.5	13.1	12.6	12.1	11.6	11.1	10.6	10.0	9.4
-77.5°	10.7	10.4	10.1	9.8	9.5	9.1	8.7	8.3	7.9	7.5	7.1
-80°	7.5	7.3	7.1	7.0	6.7	6.5	6.2	5.9	5.6	5.2	4.9
-82.5°	5.0	4.8	4.7	4.6	4.4	4.2	4.0	3.8	3.6	3.3	3.1
-85°	2.7	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.0	1.9	1.8
-87.5°	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8
-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):

	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°	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3
85°	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.8	0.7
82.5°	2.9	2.8	2.6	2.5	2.3	2.0	1.8	1.6	1.4	1.1	1.0
80°	4.6	4.3	4.0	3.7	3.3	3.0	2.7	2.4	2.1	1.8	1.5
77.5°	6.5	6.0	5.5	5.0	4.6	4.1	3.7	3.2	2.9	2.5	2.1
75°	8.6	8.0	7.3	6.6	5.9	5.2	4.7	4.1	3.6	3.2	2.7
72.5°	11.0	10.1	9.2	8.3	7.5	6.6	5.8	5.0	4.4	3.9	3.3
70°	13.3	12.4	11.3	10.2	9.1	8.0	7.1	6.1	5.2	4.5	3.9
67.5°	15.7	14.6	13.4	12.2	10.9	9.6	8.4	7.3	6.3	5.2	4.5
65°	18.4	17.0	15.6	14.2	12.8	11.3	9.9	8.5	7.3	6.1	5.0
62.5°	21.2	19.5	17.9	16.3	14.7	13.0	11.3	9.9	8.3	7.0	5.8
60°	24.0	22.2	20.2	18.4	16.6	14.8	12.9	11.2	9.5	7.9	6.5
57.5°	26.9	24.8	22.7	20.5	18.5	16.5	14.5	12.6	10.7	8.9	7.3
55°	29.9	27.5	25.1	22.8	20.4	18.2	16.1	13.9	11.9	9.9	8.0
52.5°	33.2	30.3	27.6	25.0	22.4	19.9	17.6	15.3	13.0	10.9	8.9
50°	35.9	33.2	30.1	27.2	24.4	21.7	19.1	16.6	14.2	11.9	9.7
47.5°	38.2	35.6	32.7	29.4	26.4	23.5	20.7	18.0	15.3	12.8	10.5
45°	39.1	37.7	34.9	31.7	28.4	25.3	22.3	19.3	16.4	13.7	11.2
42.5°	39.7	38.8	36.8	33.8	30.4	27.1	23.8	20.7	17.6	14.6	12.0
40°	39.1	39.3	38.3	35.5	32.3	28.7	25.3	22.0	18.7	15.5	12.7
37.5°	38.5	39.2	38.8	37.3	34.2	30.5	26.8	23.3	19.8	16.5	13.4
35°	38.1	38.6	39.3	38.3	35.7	32.1	28.2	24.5	20.9	17.4	14.1
32.5°	37.8	38.1	38.9	38.8	37.1	33.7	29.6	25.6	21.8	18.2	14.7
30°	38.1	37.9	38.4	39.2	38.1	35.0	30.9	26.7	22.8	19.0	15.4
27.5°	38.5	37.6	38.0	39.0	38.5	36.1	32.1	27.7	23.6	19.7	16.0
25°	39.0	37.8	37.8	38.6	38.8	37.1	33.3	28.7	24.5	20.4	16.6
22.5°	39.8	38.1	37.6	38.2	39.1	38.0	34.2	29.6	25.2	21.0	17.1
20°	40.5	38.3	37.3	37.9	39.0	38.3	34.9	30.4	25.9	21.6	17.5
17.5°	41.3	38.7	37.5	37.7	38.8	38.5	35.6	31.1	26.5	22.1	17.9
15°	42.5	39.2	37.6	37.6	38.5	38.7	36.2	31.7	27.0	22.5	18.3
12.5°	43.6	39.7	37.8	37.4	38.3	38.8	36.7	32.3	27.4	22.9	18.6
10°	44.4	40.0	37.9	37.3	38.1	39.0	37.2	32.7	27.8	23.2	18.9
7.5°	45.0	40.3	37.9	37.2	37.9	39.1	37.6	33.2	28.2	23.4	19.0
5°	45.5	40.6	38.0	37.1	37.8	39.1	37.9	33.6	28.4	23.5	19.2
2.5°	45.9	40.9	38.2	37.1	37.7	39.2	38.1	33.9	28.6	23.6	19.3
0°	46.1	41.2	38.4	37.1	37.7	39.2	38.2	34.1	28.7	23.6	19.3
-2.5°	45.9	40.9	38.2	37.1	37.7	39.2	38.1	33.9	28.6	23.6	19.3
-5°	45.5	40.6	38.0	37.1	37.8	39.1	37.9	33.6	28.4	23.5	19.2
-7.5°	45.0	40.3	37.9	37.2	37.9	39.1	37.6	33.2	28.2	23.4	19.0
-10°	44.4	40.0	37.9	37.3	38.1	39.0	37.2	32.7	27.8	23.2	18.9
-12.5°	43.6	39.7	37.8	37.4	38.3	38.8	36.7	32.3	27.4	22.9	18.6
-15°	42.5	39.2	37.6	37.6	38.5	38.7	36.2	31.7	27.0	22.5	18.3
-17.5°	41.3	38.7	37.5	37.7	38.8	38.5	35.6	31.1	26.5	22.1	17.9
-20°	40.5	38.3	37.3	37.9	39.0	38.3	34.9	30.4	25.9	21.6	17.5



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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°	39.8	38.1	37.6	38.2	39.1	38.0	34.2	29.6	25.2	21.0	17.1
-25°	39.0	37.8	37.8	38.6	38.8	37.1	33.3	28.7	24.5	20.4	16.6
-27.5°	38.5	37.6	38.0	39.0	38.5	36.1	32.1	27.7	23.6	19.7	16.0
-30°	38.1	37.9	38.4	39.2	38.1	35.0	30.9	26.7	22.8	19.0	15.4
-32.5°	37.8	38.1	38.9	38.8	37.1	33.7	29.6	25.6	21.8	18.2	14.7
-35°	38.1	38.6	39.3	38.3	35.7	32.1	28.2	24.5	20.9	17.4	14.1
-37.5°	38.5	39.2	38.8	37.3	34.2	30.5	26.8	23.3	19.8	16.5	13.4
-40°	39.1	39.3	38.3	35.5	32.3	28.7	25.3	22.0	18.7	15.5	12.7
-42.5°	39.7	38.8	36.8	33.8	30.4	27.1	23.8	20.7	17.6	14.6	12.0
-45°	39.1	37.7	34.9	31.7	28.4	25.3	22.3	19.3	16.4	13.7	11.2
-47.5°	38.2	35.6	32.7	29.4	26.4	23.5	20.7	18.0	15.3	12.8	10.5
-50°	35.9	33.2	30.1	27.2	24.4	21.7	19.1	16.6	14.2	11.9	9.7
-52.5°	33.2	30.3	27.6	25.0	22.4	19.9	17.6	15.3	13.0	10.9	8.9
-55°	29.9	27.5	25.1	22.8	20.4	18.2	16.1	13.9	11.9	9.9	8.0
-57.5°	26.9	24.8	22.7	20.5	18.5	16.5	14.5	12.6	10.7	8.9	7.3
-60°	24.0	22.2	20.2	18.4	16.6	14.8	12.9	11.2	9.5	7.9	6.5
-62.5°	21.2	19.5	17.9	16.3	14.7	13.0	11.3	9.9	8.3	7.0	5.8
-65°	18.4	17.0	15.6	14.2	12.8	11.3	9.9	8.5	7.3	6.1	5.0
-67.5°	15.7	14.6	13.4	12.2	10.9	9.6	8.4	7.3	6.3	5.2	4.5
-70°	13.3	12.4	11.3	10.2	9.1	8.0	7.1	6.1	5.2	4.5	3.9
-72.5°	11.0	10.1	9.2	8.3	7.5	6.6	5.8	5.0	4.4	3.9	3.3
-75°	8.6	8.0	7.3	6.6	5.9	5.2	4.7	4.1	3.6	3.2	2.7
-77.5°	6.5	6.0	5.5	5.0	4.6	4.1	3.7	3.2	2.9	2.5	2.1
-80°	4.6	4.3	4.0	3.7	3.3	3.0	2.7	2.4	2.1	1.8	1.5
-82.5°	2.9	2.8	2.6	2.5	2.3	2.0	1.8	1.6	1.4	1.1	1.0
-85°	1.7	1.6	1.5	1.4	1.2	1.1	1.0	0.9	0.8	0.8	0.7
-87.5°	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.3
-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°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
80°	1.2	0.9	0.8	0.6	0.4	0.2	0.0
77.5°	1.7	1.3	0.9	0.7	0.5	0.2	0.0
75°	2.2	1.7	1.2	0.9	0.6	0.3	0.0
72.5°	2.7	2.1	1.5	1.0	0.7	0.3	0.0
70°	3.2	2.5	1.8	1.1	0.8	0.4	0.0
67.5°	3.7	2.9	2.1	1.4	0.8	0.4	0.0
65°	4.2	3.3	2.5	1.6	0.9	0.5	0.0
62.5°	4.7	3.8	2.8	1.8	1.0	0.5	0.0
60°	5.2	4.2	3.1	2.1	1.1	0.5	0.0
57.5°	5.8	4.6	3.4	2.3	1.2	0.6	0.0
55°	6.4	5.0	3.7	2.5	1.4	0.6	0.0
52.5°	7.1	5.4	4.0	2.7	1.5	0.7	0.0
50°	7.6	5.9	4.3	2.9	1.7	0.7	0.0
47.5°	8.2	6.3	4.6	3.1	1.8	0.7	0.0
45°	8.9	6.8	4.9	3.3	1.9	0.8	0.0
42.5°	9.5	7.2	5.2	3.5	2.0	0.8	0.0
40°	10.1	7.7	5.5	3.7	2.1	0.8	0.0
37.5°	10.6	8.0	5.8	3.9	2.3	0.9	0.0
35°	11.1	8.5	6.1	4.1	2.4	0.9	0.0
32.5°	11.6	8.9	6.4	4.3	2.5	0.9	0.0
30°	12.1	9.2	6.7	4.4	2.6	1.0	0.0
27.5°	12.6	9.6	6.9	4.6	2.7	1.0	0.0
25°	13.0	9.9	7.1	4.7	2.7	1.0	0.0
22.5°	13.4	10.2	7.3	4.8	2.8	1.0	0.0
20°	13.8	10.4	7.5	4.9	2.9	1.0	0.0
17.5°	14.1	10.6	7.6	5.0	3.0	1.0	0.0
15°	14.4	10.8	7.8	5.1	3.0	1.1	0.0
12.5°	14.6	10.9	7.9	5.1	3.1	1.1	0.0
10°	14.8	11.0	8.0	5.2	3.1	1.1	0.0
7.5°	15.0	11.1	8.0	5.2	3.1	1.1	0.0
5°	15.1	11.2	8.1	5.2	3.2	1.1	0.0
2.5°	15.2	11.2	8.1	5.2	3.2	1.1	0.0
0°	15.2	11.2	8.1	5.2	3.2	1.1	0.0
-2.5°	15.2	11.2	8.1	5.2	3.2	1.1	0.0
-5°	15.1	11.2	8.1	5.2	3.2	1.1	0.0
-7.5°	15.0	11.1	8.0	5.2	3.1	1.1	0.0
-10°	14.8	11.0	8.0	5.2	3.1	1.1	0.0
-12.5°	14.6	10.9	7.9	5.1	3.1	1.1	0.0
-15°	14.4	10.8	7.8	5.1	3.0	1.1	0.0
-17.5°	14.1	10.6	7.6	5.0	3.0	1.0	0.0
-20°	13.8	10.4	7.5	4.9	2.9	1.0	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	13.4	10.2	7.3	4.8	2.8	1.0	0.0
-25°	13.0	9.9	7.1	4.7	2.7	1.0	0.0
-27.5°	12.6	9.6	6.9	4.6	2.7	1.0	0.0
-30°	12.1	9.2	6.7	4.4	2.6	1.0	0.0
-32.5°	11.6	8.9	6.4	4.3	2.5	0.9	0.0
-35°	11.1	8.5	6.1	4.1	2.4	0.9	0.0
-37.5°	10.6	8.0	5.8	3.9	2.3	0.9	0.0
-40°	10.1	7.7	5.5	3.7	2.1	0.8	0.0
-42.5°	9.5	7.2	5.2	3.5	2.0	0.8	0.0
-45°	8.9	6.8	4.9	3.3	1.9	0.8	0.0
-47.5°	8.2	6.3	4.6	3.1	1.8	0.7	0.0
-50°	7.6	5.9	4.3	2.9	1.7	0.7	0.0
-52.5°	7.1	5.4	4.0	2.7	1.5	0.7	0.0
-55°	6.4	5.0	3.7	2.5	1.4	0.6	0.0
-57.5°	5.8	4.6	3.4	2.3	1.2	0.6	0.0
-60°	5.2	4.2	3.1	2.1	1.1	0.5	0.0
-62.5°	4.7	3.8	2.8	1.8	1.0	0.5	0.0
-65°	4.2	3.3	2.5	1.6	0.9	0.5	0.0
-67.5°	3.7	2.9	2.1	1.4	0.8	0.4	0.0
-70°	3.2	2.5	1.8	1.1	0.8	0.4	0.0
-72.5°	2.7	2.1	1.5	1.0	0.7	0.3	0.0
-75°	2.2	1.7	1.2	0.9	0.6	0.3	0.0
-77.5°	1.7	1.3	0.9	0.7	0.5	0.2	0.0
-80°	1.2	0.9	0.8	0.6	0.4	0.2	0.0
-82.5°	0.9	0.7	0.6	0.4	0.3	0.1	0.0
-85°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	0.2	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)