

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: P558543 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1C-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558543 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-3)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1C-935-U-NR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N3
Light Source: (16) 3500K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

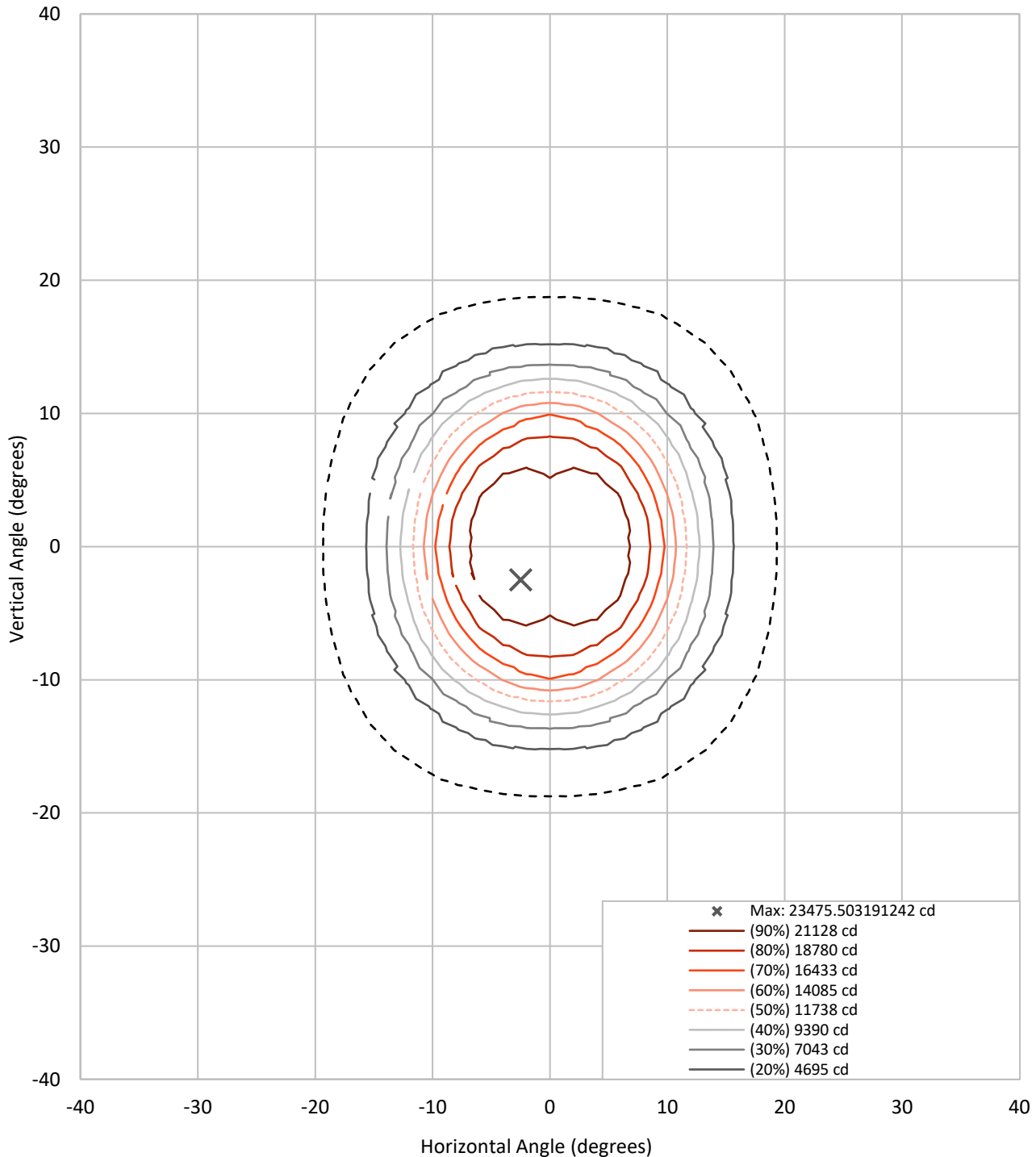
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	4439.2 lumens	Max Intensity:	23475.5 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	100.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	2396.6 lumens	Field Lumens:	3614.2 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

Input Watts (W): 44
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





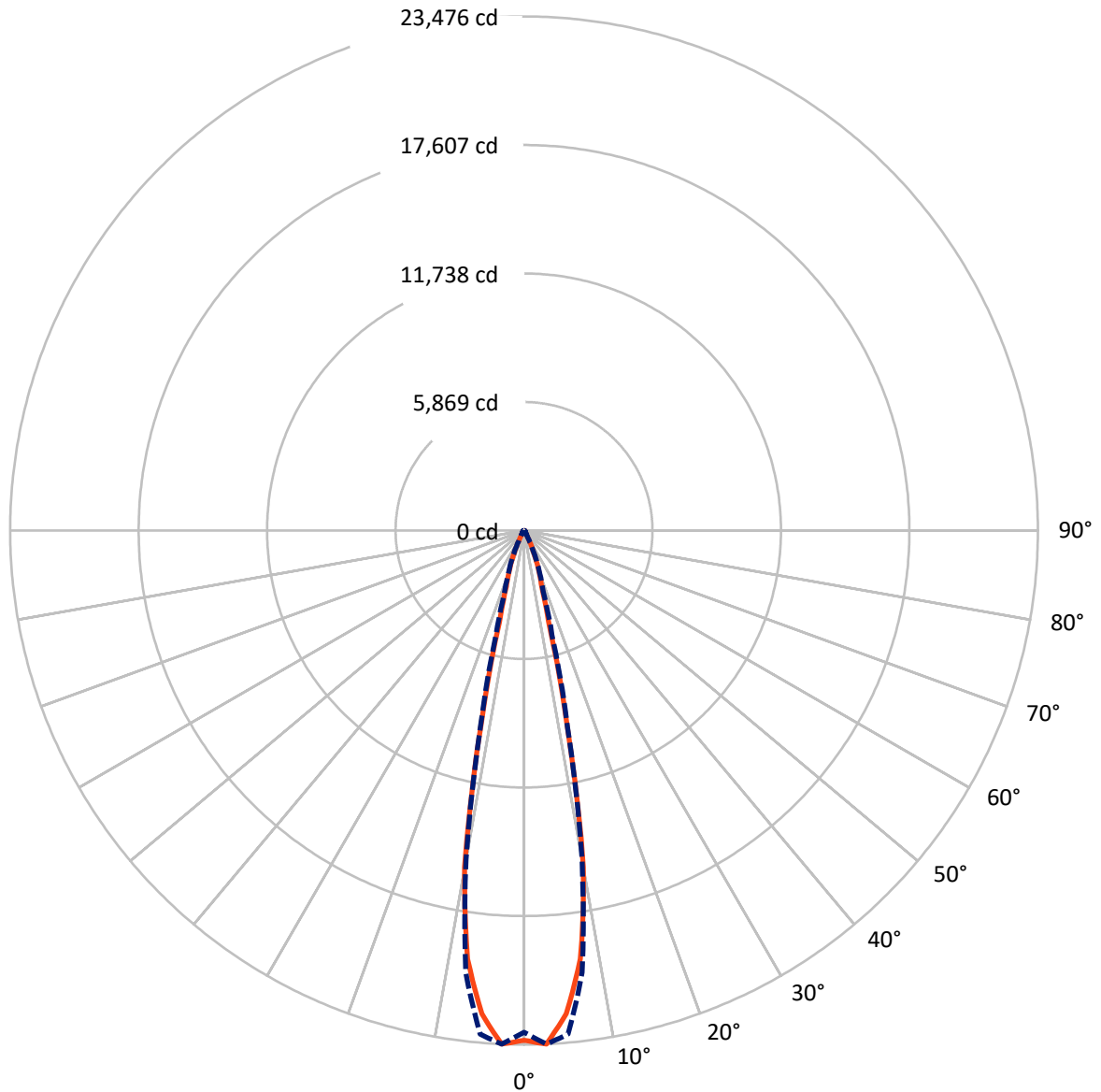
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Lumen Table

90	0.1	0.4	1.2	1.9	2.2	1.9	1.2	0.4	0.1										
80	0.1	0.4	1.2	1.9	2.2	1.9	1.2	0.4	0.1										
70	0.2	0.2	0.5	0.8	1.1	1.3	1.5	1.6	1.6	1.5	1.3	1.1	0.8	0.5	0.2	0.2			
60		0.4	0.7	1.1	1.5	1.8	1.9	2.0	2.0	1.9	1.8	1.5	1.1	0.7	0.4				
50	0.4	0.5	0.9	1.3	1.7	2.1	2.4	2.5	2.5	2.4	2.1	1.7	1.3	0.9	0.5	0.4			
40		0.6	1.0	1.5	2.0	2.8	3.6	4.4	4.4	3.6	2.8	2.0	1.5	1.0	0.6				
30	0.5	0.6	1.1	1.7	2.5	4.5	13.6	26.6	26.6	13.6	4.5	2.5	1.7	1.1	0.6	0.5			
20		0.7	1.2	1.8	3.1	13.5	62.2	159.8	159.8	62.2	13.5	3.1	1.8	1.2	0.7				
10	0.5	0.7	1.2	1.8	3.7	26.2	161.8	571.8	571.8	161.8	26.2	3.7	1.8	1.2	0.7	0.5			
0		0.7	1.2	1.8	3.7	26.2	161.8	571.8	571.8	161.8	26.2	3.7	1.8	1.2	0.7				
-10	0.5	0.7	1.2	1.8	3.7	26.2	161.8	571.8	571.8	161.8	26.2	3.7	1.8	1.2	0.7	0.5			
-20		0.6	1.1	1.7	2.5	4.5	13.6	26.6	26.6	13.6	4.5	2.5	1.7	1.1	0.6				
-30	0.4	0.6	1.0	1.5	2.0	2.8	3.6	4.4	4.4	3.6	2.8	2.0	1.5	1.0	0.6	0.4			
-40		0.5	0.9	1.3	1.7	2.1	2.4	2.5	2.5	2.4	2.1	1.7	1.3	0.9	0.5				
-50	0.2	0.4	0.7	1.1	1.5	1.8	1.9	2.0	2.0	1.9	1.8	1.5	1.1	0.7	0.4	0.2			
-60		0.2	0.5	0.8	1.1	1.3	1.5	1.6	1.6	1.5	1.3	1.1	0.8	0.5	0.2				
-70	0.1	0.4	1.2	1.9	2.2	1.9	1.2	0.4	0.1							0.1			
-80		0.1	0.4	1.2	1.9	2.2	1.9	1.2	0.4	0.1									
-90	0.1	0.4	1.2	1.9	2.2	1.9	1.2	0.4	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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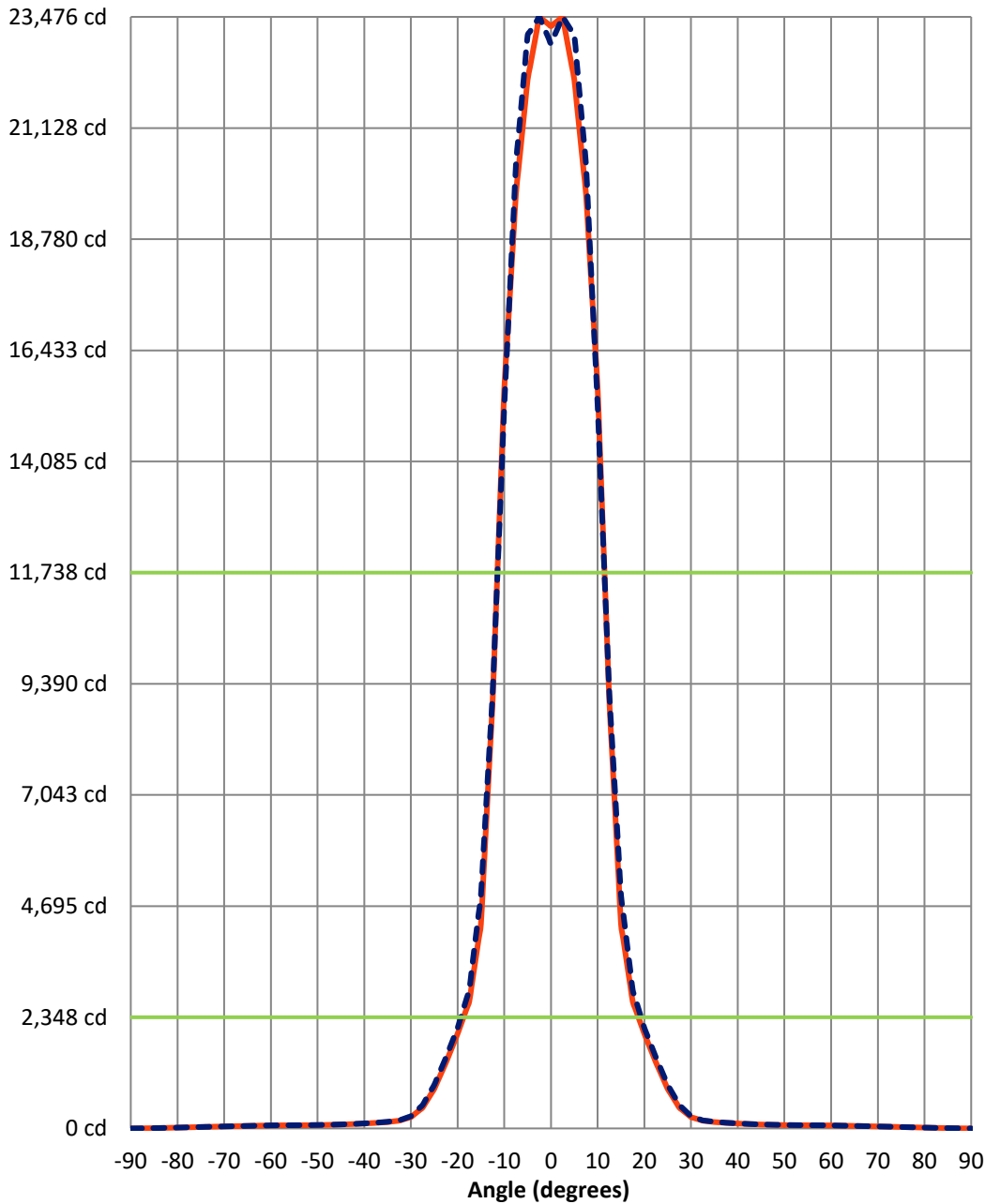
Luminous Intensity Polar Plot



— Vertical Distribution Through -2.5-Deg - - - Horizontal Distribution Through -2.5-Deg

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Luminous Intensity Plot



Beam:
H Angle: 22.9°
V Angle: 22.9°
Lumens: 2396.6
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 3614.2
Efficiency: 81.4%

Spill:
Lumens: 825
Efficiency: 18.6%

— Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-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	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.6	3.1	3.6
80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.2	3.9	4.6	5.3
77.5°	0.0	0.5	1.1	1.6	2.2	2.8	3.6	4.4	5.2	6.1	7.0
75°	0.0	0.6	1.3	1.9	2.6	3.6	4.5	5.5	6.5	7.8	8.9
72.5°	0.0	0.8	1.5	2.2	3.3	4.4	5.4	6.6	8.1	9.5	10.8
70°	0.0	0.9	1.7	2.6	3.9	5.2	6.4	8.0	9.7	11.2	13.1
67.5°	0.0	1.0	1.9	3.1	4.6	6.0	7.6	9.4	11.2	13.3	15.4
65°	0.0	1.1	2.1	3.6	5.2	6.8	8.8	10.8	13.1	15.4	17.7
62.5°	0.0	1.2	2.3	4.0	5.8	7.8	9.9	12.3	14.9	17.4	20.2
60°	0.0	1.2	2.5	4.5	6.4	8.7	11.1	13.9	16.6	19.6	22.5
57.5°	0.0	1.3	2.8	5.0	7.1	9.6	12.3	15.4	18.5	21.7	24.8
55°	0.0	1.4	3.1	5.4	7.8	10.5	13.6	16.8	20.3	23.7	27.1
52.5°	0.0	1.5	3.4	5.8	8.5	11.4	14.8	18.4	22.1	25.7	29.3
50°	0.0	1.6	3.7	6.3	9.1	12.4	16.0	19.9	23.8	27.6	31.5
47.5°	0.0	1.7	3.9	6.7	9.8	13.3	17.2	21.4	25.4	29.5	33.6
45°	0.0	1.8	4.2	7.1	10.4	14.2	18.4	22.8	27.0	31.3	35.7
42.5°	0.0	1.8	4.4	7.6	10.9	15.1	19.6	24.2	28.6	33.2	37.5
40°	0.0	1.9	4.7	8.0	11.5	15.9	20.7	25.5	30.1	34.9	39.3
37.5°	0.0	2.0	4.9	8.3	12.2	16.7	21.8	26.7	31.5	36.5	40.9
35°	0.0	2.0	5.1	8.7	12.8	17.6	22.9	27.9	32.9	37.9	42.5
32.5°	0.0	2.1	5.3	9.0	13.3	18.4	23.8	29.0	34.2	39.2	44.1
30°	0.0	2.2	5.5	9.3	13.9	19.1	24.7	30.0	35.4	40.4	45.5
27.5°	0.0	2.2	5.7	9.6	14.4	19.8	25.5	31.0	36.5	41.5	46.8
25°	0.0	2.3	5.8	9.9	14.8	20.5	26.3	31.9	37.4	42.6	47.9
22.5°	0.0	2.3	6.0	10.1	15.3	21.1	27.0	32.7	38.2	43.5	48.9
20°	0.0	2.3	6.1	10.4	15.7	21.7	27.6	33.4	39.0	44.3	49.8
17.5°	0.0	2.4	6.2	10.6	16.0	22.1	28.1	34.0	39.7	45.0	50.5
15°	0.0	2.4	6.3	10.7	16.4	22.6	28.6	34.6	40.3	45.6	51.2
12.5°	0.0	2.4	6.4	10.9	16.6	22.9	29.0	35.0	40.8	46.1	51.7
10°	0.0	2.5	6.5	11.0	16.9	23.2	29.3	35.4	41.2	46.6	52.1
7.5°	0.0	2.5	6.5	11.1	17.1	23.4	29.6	35.7	41.5	47.0	52.5
5°	0.0	2.5	6.6	11.1	17.2	23.6	29.8	35.9	41.7	47.4	52.7
2.5°	0.0	2.5	6.6	11.2	17.3	23.7	29.9	36.1	41.9	47.6	52.7
0°	0.0	2.5	6.6	11.2	17.4	23.7	29.9	36.1	41.9	47.8	52.7
-2.5°	0.0	2.5	6.6	11.2	17.4	23.7	29.9	36.1	41.9	47.8	52.7
-5°	0.0	2.5	6.6	11.1	17.2	23.6	29.8	35.9	41.7	47.4	52.7
-7.5°	0.0	2.5	6.5	11.1	17.1	23.4	29.6	35.7	41.5	47.0	52.5
-10°	0.0	2.5	6.5	11.0	16.9	23.2	29.3	35.4	41.2	46.6	52.1
-12.5°	0.0	2.4	6.4	10.9	16.6	22.9	29.0	35.0	40.8	46.1	51.7
-15°	0.0	2.4	6.3	10.7	16.4	22.6	28.6	34.6	40.3	45.6	51.2
-17.5°	0.0	2.4	6.2	10.6	16.0	22.1	28.1	34.0	39.7	45.0	50.5
-20°	0.0	2.3	6.1	10.4	15.7	21.7	27.6	33.4	39.0	44.3	49.8



REPORT NUMBER: P558543 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	2.3	6.0	10.1	15.3	21.1	27.0	32.7	38.2	43.5	48.9
-25°	0.0	2.3	5.8	9.9	14.8	20.5	26.3	31.9	37.4	42.6	47.9
-27.5°	0.0	2.2	5.7	9.6	14.4	19.8	25.5	31.0	36.5	41.5	46.8
-30°	0.0	2.2	5.5	9.3	13.9	19.1	24.7	30.0	35.4	40.4	45.5
-32.5°	0.0	2.1	5.3	9.0	13.3	18.4	23.8	29.0	34.2	39.2	44.1
-35°	0.0	2.0	5.1	8.7	12.8	17.6	22.9	27.9	32.9	37.9	42.5
-37.5°	0.0	2.0	4.9	8.3	12.2	16.7	21.8	26.7	31.5	36.5	40.9
-40°	0.0	1.9	4.7	8.0	11.5	15.9	20.7	25.5	30.1	34.9	39.3
-42.5°	0.0	1.8	4.4	7.6	10.9	15.1	19.6	24.2	28.6	33.2	37.5
-45°	0.0	1.8	4.2	7.1	10.4	14.2	18.4	22.8	27.0	31.3	35.7
-47.5°	0.0	1.7	3.9	6.7	9.8	13.3	17.2	21.4	25.4	29.5	33.6
-50°	0.0	1.6	3.7	6.3	9.1	12.4	16.0	19.9	23.8	27.6	31.5
-52.5°	0.0	1.5	3.4	5.8	8.5	11.4	14.8	18.4	22.1	25.7	29.3
-55°	0.0	1.4	3.1	5.4	7.8	10.5	13.6	16.8	20.3	23.7	27.1
-57.5°	0.0	1.3	2.8	5.0	7.1	9.6	12.3	15.4	18.5	21.7	24.8
-60°	0.0	1.2	2.5	4.5	6.4	8.7	11.1	13.9	16.6	19.6	22.5
-62.5°	0.0	1.2	2.3	4.0	5.8	7.8	9.9	12.3	14.9	17.4	20.2
-65°	0.0	1.1	2.1	3.6	5.2	6.8	8.8	10.8	13.1	15.4	17.7
-67.5°	0.0	1.0	1.9	3.1	4.6	6.0	7.6	9.4	11.2	13.3	15.4
-70°	0.0	0.9	1.7	2.6	3.9	5.2	6.4	8.0	9.7	11.2	13.1
-72.5°	0.0	0.8	1.5	2.2	3.3	4.4	5.4	6.6	8.1	9.5	10.8
-75°	0.0	0.6	1.3	1.9	2.6	3.6	4.5	5.5	6.5	7.8	8.9
-77.5°	0.0	0.5	1.1	1.6	2.2	2.8	3.6	4.4	5.2	6.1	7.0
-80°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.2	3.9	4.6	5.3
-82.5°	0.0	0.3	0.7	1.0	1.3	1.6	1.9	2.2	2.6	3.1	3.6
-85°	0.0	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.1
-87.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.0	1.1
-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):

	-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°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
85°	2.3	2.5	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.4	4.6
82.5°	4.0	4.4	4.8	5.2	5.5	5.7	6.0	6.4	7.0	7.5	7.9
80°	5.9	6.4	7.0	7.6	8.3	8.9	9.6	10.2	10.8	11.4	11.9
77.5°	7.9	8.7	9.6	10.5	11.4	12.4	13.3	14.2	15.1	15.9	16.7
75°	10.0	11.1	12.3	13.6	14.8	16.0	17.2	18.4	19.5	20.6	21.7
72.5°	12.3	13.9	15.4	16.8	18.5	20.0	21.4	22.8	24.2	25.5	26.8
70°	14.9	16.6	18.5	20.5	22.4	24.1	25.8	27.5	29.2	30.6	31.9
67.5°	17.5	19.6	21.9	24.1	26.1	28.1	30.1	32.0	33.7	35.3	36.7
65°	20.2	22.6	25.0	27.4	29.7	32.0	34.2	36.2	38.2	39.9	41.6
62.5°	22.8	25.5	28.1	30.7	33.4	35.9	38.2	40.4	42.6	44.4	46.2
60°	25.4	28.3	31.1	34.0	36.9	39.6	42.2	44.4	46.6	48.6	50.5
57.5°	27.9	31.0	34.1	37.3	40.3	43.3	45.8	48.2	50.4	52.5	54.4
55°	30.4	33.7	37.0	40.4	43.6	46.6	49.2	51.7	54.0	55.9	57.7
52.5°	32.8	36.3	39.8	43.3	46.6	49.6	52.5	54.9	57.0	59.0	60.6
50°	35.2	38.8	42.5	46.0	49.4	52.5	55.3	57.7	59.7	61.5	63.1
47.5°	37.5	41.3	44.9	48.6	52.0	55.1	57.8	60.1	62.1	63.7	65.1
45°	39.6	43.6	47.4	50.9	54.4	57.4	60.0	62.3	64.1	65.7	67.2
42.5°	41.7	45.8	49.7	53.2	56.6	59.5	62.1	64.2	66.0	67.6	69.2
40°	43.7	48.0	51.8	55.3	58.6	61.5	63.8	66.0	67.8	69.6	71.3
37.5°	45.6	50.0	53.9	57.5	60.4	63.2	65.5	67.6	69.6	71.6	74.0
35°	47.4	51.8	55.9	59.4	62.3	64.6	67.0	69.3	71.7	74.2	76.9
32.5°	49.1	53.7	57.7	60.9	63.6	66.1	68.5	71.3	74.1	77.0	80.3
30°	50.6	55.3	59.4	62.4	64.9	67.3	70.2	73.4	76.7	80.0	83.9
27.5°	52.0	56.9	60.7	63.6	66.0	68.3	71.6	75.7	79.3	82.8	87.0
25°	53.2	58.1	61.8	64.5	66.8	69.3	72.7	77.0	81.5	85.3	91.2
22.5°	54.2	59.2	62.9	65.4	67.5	70.2	73.6	77.8	82.4	87.3	95.4
20°	55.1	60.0	63.8	66.2	68.0	70.8	74.1	78.4	83.5	90.5	99.6
17.5°	55.9	60.8	64.5	66.6	68.6	71.3	74.3	78.7	84.7	93.4	103.4
15°	56.6	61.6	65.0	67.1	69.1	71.7	75.0	79.6	86.5	96.2	106.9
12.5°	57.1	62.4	65.5	67.4	69.4	72.0	75.7	81.0	88.7	98.9	110.7
10°	57.5	63.2	65.9	67.7	69.6	72.3	76.3	82.1	90.5	101.4	114.1
7.5°	57.9	63.7	66.2	67.9	69.6	72.4	76.8	82.9	91.7	103.4	117.0
5°	58.2	64.1	66.5	68.0	69.6	72.4	77.2	83.4	92.6	105.0	119.1
2.5°	58.4	64.3	66.7	68.1	69.5	72.4	77.5	84.2	93.6	106.1	120.4
0°	58.5	64.4	66.9	68.1	69.3	72.2	77.6	84.7	94.3	106.7	120.8
-2.5°	58.4	64.3	66.7	68.1	69.5	72.4	77.5	84.2	93.6	106.1	120.4
-5°	58.2	64.1	66.5	68.0	69.6	72.4	77.2	83.4	92.6	105.0	119.1
-7.5°	57.9	63.7	66.2	67.9	69.6	72.4	76.8	82.9	91.7	103.4	117.0
-10°	57.5	63.2	65.9	67.7	69.6	72.3	76.3	82.1	90.5	101.4	114.1
-12.5°	57.1	62.4	65.5	67.4	69.4	72.0	75.7	81.0	88.7	98.9	110.7
-15°	56.6	61.6	65.0	67.1	69.1	71.7	75.0	79.6	86.5	96.2	106.9
-17.5°	55.9	60.8	64.5	66.6	68.6	71.3	74.3	78.7	84.7	93.4	103.4
-20°	55.1	60.0	63.8	66.2	68.0	70.8	74.1	78.4	83.5	90.5	99.6



REPORT NUMBER: P558543 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	54.2	59.2	62.9	65.4	67.5	70.2	73.6	77.8	82.4	87.3	95.4
-25°	53.2	58.1	61.8	64.5	66.8	69.3	72.7	77.0	81.5	85.3	91.2
-27.5°	52.0	56.9	60.7	63.6	66.0	68.3	71.6	75.7	79.3	82.8	87.0
-30°	50.6	55.3	59.4	62.4	64.9	67.3	70.2	73.4	76.7	80.0	83.9
-32.5°	49.1	53.7	57.7	60.9	63.6	66.1	68.5	71.3	74.1	77.0	80.3
-35°	47.4	51.8	55.9	59.4	62.3	64.6	67.0	69.3	71.7	74.2	76.9
-37.5°	45.6	50.0	53.9	57.5	60.4	63.2	65.5	67.6	69.6	71.6	74.0
-40°	43.7	48.0	51.8	55.3	58.6	61.5	63.8	66.0	67.8	69.6	71.3
-42.5°	41.7	45.8	49.7	53.2	56.6	59.5	62.1	64.2	66.0	67.6	69.2
-45°	39.6	43.6	47.4	50.9	54.4	57.4	60.0	62.3	64.1	65.7	67.2
-47.5°	37.5	41.3	44.9	48.6	52.0	55.1	57.8	60.1	62.1	63.7	65.1
-50°	35.2	38.8	42.5	46.0	49.4	52.5	55.3	57.7	59.7	61.5	63.1
-52.5°	32.8	36.3	39.8	43.3	46.6	49.6	52.5	54.9	57.0	59.0	60.6
-55°	30.4	33.7	37.0	40.4	43.6	46.6	49.2	51.7	54.0	55.9	57.7
-57.5°	27.9	31.0	34.1	37.3	40.3	43.3	45.8	48.2	50.4	52.5	54.4
-60°	25.4	28.3	31.1	34.0	36.9	39.6	42.2	44.4	46.6	48.6	50.5
-62.5°	22.8	25.5	28.1	30.7	33.4	35.9	38.2	40.4	42.6	44.4	46.2
-65°	20.2	22.6	25.0	27.4	29.7	32.0	34.2	36.2	38.2	39.9	41.6
-67.5°	17.5	19.6	21.9	24.1	26.1	28.1	30.1	32.0	33.7	35.3	36.7
-70°	14.9	16.6	18.5	20.5	22.4	24.1	25.8	27.5	29.2	30.6	31.9
-72.5°	12.3	13.9	15.4	16.8	18.5	20.0	21.4	22.8	24.2	25.5	26.8
-75°	10.0	11.1	12.3	13.6	14.8	16.0	17.2	18.4	19.5	20.6	21.7
-77.5°	7.9	8.7	9.6	10.5	11.4	12.4	13.3	14.2	15.1	15.9	16.7
-80°	5.9	6.4	7.0	7.6	8.3	8.9	9.6	10.2	10.8	11.4	11.9
-82.5°	4.0	4.4	4.8	5.2	5.5	5.7	6.0	6.4	7.0	7.5	7.9
-85°	2.3	2.5	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.4	4.6
-87.5°	1.2	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.8	1.9	2.0
-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: P558543 (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°
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°	2.0	2.0	2.0	2.0	1.9	2.0	2.2	2.3	2.4	2.4	2.5
85°	4.9	5.0	5.2	5.3	5.4	5.6	5.7	5.8	5.9	6.1	6.3
82.5°	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	10.8	11.0
80°	12.5	13.1	13.6	14.0	14.4	14.9	15.4	15.8	16.2	16.4	16.6
77.5°	17.5	18.2	18.9	19.5	20.1	20.7	21.1	21.5	21.8	22.2	22.6
75°	22.6	23.6	24.5	25.3	26.0	26.6	27.1	27.6	28.1	28.5	28.9
72.5°	28.0	29.0	30.0	30.9	31.7	32.5	33.2	33.9	34.5	35.0	35.4
70°	33.1	34.3	35.4	36.5	37.5	38.4	39.2	40.0	40.6	41.2	41.6
67.5°	38.1	39.5	40.8	42.0	43.1	44.0	45.0	45.8	46.6	47.2	47.6
65°	43.1	44.6	46.0	47.2	48.3	49.3	50.4	51.3	52.0	52.6	53.0
62.5°	47.9	49.5	50.9	52.2	53.4	54.5	55.3	56.2	56.9	57.5	57.9
60°	52.2	53.9	55.2	56.4	57.5	58.5	59.4	60.3	61.1	61.8	62.4
57.5°	56.0	57.5	58.9	60.0	61.0	61.9	62.8	63.5	64.1	64.5	64.9
55°	59.3	60.7	62.0	63.0	63.9	64.7	65.3	65.8	66.2	66.5	66.7
52.5°	62.2	63.4	64.7	65.7	66.4	67.0	67.6	68.2	68.5	68.6	68.5
50°	64.4	65.8	66.9	67.8	68.8	69.8	70.9	71.4	71.6	71.5	71.3
47.5°	66.5	67.8	69.0	70.2	71.6	73.3	75.1	75.9	75.9	75.5	75.3
45°	68.6	70.0	71.4	73.2	75.1	77.4	79.5	80.8	80.8	80.8	81.1
42.5°	70.7	72.4	74.4	76.9	79.4	81.9	84.1	85.8	87.0	88.4	89.6
40°	73.3	75.2	78.2	81.3	84.5	87.2	90.6	93.6	96.0	98.2	99.8
37.5°	76.4	79.2	82.9	86.8	91.0	95.2	99.2	103.0	106.2	109.8	112.6
35°	80.1	84.1	88.7	93.5	98.7	104.1	109.2	115.2	120.5	125.2	128.9
32.5°	84.4	89.2	94.8	101.3	107.8	114.9	122.3	130.0	137.4	145.0	152.7
30°	88.7	95.2	102.3	110.1	117.8	127.0	136.6	149.2	162.3	177.2	200.2
27.5°	94.0	101.7	110.0	119.0	129.6	141.4	159.9	183.0	222.5	252.0	331.2
25°	99.2	107.9	118.6	130.3	144.5	166.1	210.5	261.9	376.3	483.4	607.2
22.5°	104.4	115.3	128.1	142.4	167.0	222.7	307.3	462.2	639.0	826.6	1017.7
20°	109.7	122.6	138.6	162.4	213.9	309.2	499.1	748.0	999.2	1306.0	1571.3
17.5°	115.6	131.6	152.5	188.3	273.2	477.4	758.3	1103.7	1492.3	1886.8	2218.0
15°	120.5	139.3	167.3	237.2	397.5	668.4	1036.0	1504.2	2034.2	2532.8	2958.2
12.5°	126.0	147.7	184.6	276.9	512.2	868.4	1352.8	1929.0	2564.7	3248.0	4329.8
10°	131.0	156.3	213.6	359.2	644.4	1070.5	1636.5	2285.7	3056.7	4424.7	6982.1
7.5°	135.2	163.0	235.4	420.6	764.0	1261.1	1867.8	2590.7	3749.9	6048.2	10351.7
5°	138.0	167.5	250.6	466.5	859.3	1401.7	2015.6	2791.6	4457.1	8032.8	13214.5
2.5°	140.1	170.0	258.7	493.3	919.7	1494.8	2120.4	2926.8	4931.9	9180.8	15251.8
0°	141.6	170.7	260.3	516.5	940.1	1526.4	2125.5	2963.0	5094.8	9629.0	15977.7
-2.5°	140.1	170.0	258.7	493.3	919.7	1494.8	2120.4	2926.8	4931.9	9180.8	15251.8
-5°	138.0	167.5	250.6	466.5	859.3	1401.7	2015.6	2791.6	4457.1	8032.8	13214.5
-7.5°	135.2	163.0	235.4	420.6	764.0	1261.1	1867.8	2590.7	3749.9	6048.2	10351.7
-10°	131.0	156.3	213.6	359.2	644.4	1070.5	1636.5	2285.7	3056.7	4424.7	6982.1
-12.5°	126.0	147.7	184.6	276.9	512.2	868.4	1352.8	1929.0	2564.7	3248.0	4329.8
-15°	120.5	139.3	167.3	237.2	397.5	668.4	1036.0	1504.2	2034.2	2532.8	2958.2
-17.5°	115.6	131.6	152.5	188.3	273.2	477.4	758.3	1103.7	1492.3	1886.8	2218.0
-20°	109.7	122.6	138.6	162.4	213.9	309.2	499.1	748.0	999.2	1306.0	1571.3



REPORT NUMBER: P558543 (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°	104.4	115.3	128.1	142.4	167.0	222.7	307.3	462.2	639.0	826.6	1017.7
-25°	99.2	107.9	118.6	130.3	144.5	166.1	210.5	261.9	376.3	483.4	607.2
-27.5°	94.0	101.7	110.0	119.0	129.6	141.4	159.9	183.0	222.5	252.0	331.2
-30°	88.7	95.2	102.3	110.1	117.8	127.0	136.6	149.2	162.3	177.2	200.2
-32.5°	84.4	89.2	94.8	101.3	107.8	114.9	122.3	130.0	137.4	145.0	152.7
-35°	80.1	84.1	88.7	93.5	98.7	104.1	109.2	115.2	120.5	125.2	128.9
-37.5°	76.4	79.2	82.9	86.8	91.0	95.2	99.2	103.0	106.2	109.8	112.6
-40°	73.3	75.2	78.2	81.3	84.5	87.2	90.6	93.6	96.0	98.2	99.8
-42.5°	70.7	72.4	74.4	76.9	79.4	81.9	84.1	85.8	87.0	88.4	89.6
-45°	68.6	70.0	71.4	73.2	75.1	77.4	79.5	80.8	80.8	80.8	81.1
-47.5°	66.5	67.8	69.0	70.2	71.6	73.3	75.1	75.9	75.9	75.5	75.3
-50°	64.4	65.8	66.9	67.8	68.8	69.8	70.9	71.4	71.6	71.5	71.3
-52.5°	62.2	63.4	64.7	65.7	66.4	67.0	67.6	68.2	68.5	68.6	68.5
-55°	59.3	60.7	62.0	63.0	63.9	64.7	65.3	65.8	66.2	66.5	66.7
-57.5°	56.0	57.5	58.9	60.0	61.0	61.9	62.8	63.5	64.1	64.5	64.9
-60°	52.2	53.9	55.2	56.4	57.5	58.5	59.4	60.3	61.1	61.8	62.4
-62.5°	47.9	49.5	50.9	52.2	53.4	54.5	55.3	56.2	56.9	57.5	57.9
-65°	43.1	44.6	46.0	47.2	48.3	49.3	50.4	51.3	52.0	52.6	53.0
-67.5°	38.1	39.5	40.8	42.0	43.1	44.0	45.0	45.8	46.6	47.2	47.6
-70°	33.1	34.3	35.4	36.5	37.5	38.4	39.2	40.0	40.6	41.2	41.6
-72.5°	28.0	29.0	30.0	30.9	31.7	32.5	33.2	33.9	34.5	35.0	35.4
-75°	22.6	23.6	24.5	25.3	26.0	26.6	27.1	27.6	28.1	28.5	28.9
-77.5°	17.5	18.2	18.9	19.5	20.1	20.7	21.1	21.5	21.8	22.2	22.6
-80°	12.5	13.1	13.6	14.0	14.4	14.9	15.4	15.8	16.2	16.4	16.6
-82.5°	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	10.8	11.0
-85°	4.9	5.0	5.2	5.3	5.4	5.6	5.7	5.8	5.9	6.1	6.3
-87.5°	2.0	2.0	2.0	2.0	1.9	2.0	2.2	2.3	2.4	2.4	2.5
-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: P558543 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1C-935-U-NR-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°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.3
85°	6.4	6.6	6.4	6.2	6.4	6.6	6.4	6.3	6.1	5.9	5.8
82.5°	11.1	11.1	11.2	11.2	11.2	11.1	11.1	11.0	10.8	10.7	10.4
80°	16.8	16.9	17.2	17.4	17.2	16.9	16.8	16.6	16.4	16.2	15.8
77.5°	22.9	23.2	23.3	23.3	23.3	23.2	22.9	22.6	22.2	21.8	21.5
75°	29.2	29.4	29.8	30.3	29.8	29.4	29.2	28.9	28.5	28.1	27.6
72.5°	35.7	35.9	36.2	36.5	36.2	35.9	35.7	35.4	35.0	34.5	33.9
70°	42.0	42.2	42.4	42.4	42.4	42.2	42.0	41.6	41.2	40.6	40.0
67.5°	47.8	48.0	48.0	47.8	48.0	48.0	47.8	47.6	47.2	46.6	45.8
65°	53.2	53.4	53.3	53.1	53.3	53.4	53.2	53.0	52.6	52.0	51.3
62.5°	58.2	58.3	58.4	58.5	58.4	58.3	58.2	57.9	57.5	56.9	56.2
60°	62.8	63.2	63.4	63.5	63.4	63.2	62.8	62.4	61.8	61.1	60.3
57.5°	65.2	65.4	65.6	65.6	65.6	65.4	65.2	64.9	64.5	64.1	63.5
55°	66.8	66.9	66.7	66.4	66.7	66.9	66.8	66.7	66.5	66.2	65.8
52.5°	68.4	68.2	68.1	68.1	68.1	68.2	68.4	68.5	68.6	68.5	68.2
50°	71.1	70.7	70.6	70.6	70.6	70.7	71.1	71.3	71.5	71.6	71.4
47.5°	75.6	75.7	75.9	76.0	75.9	75.7	75.6	75.3	75.5	75.9	75.9
45°	81.9	82.5	82.8	83.0	82.8	82.5	81.9	81.1	80.8	80.8	80.8
42.5°	90.9	91.6	91.9	91.8	91.9	91.6	90.9	89.6	88.4	87.0	85.8
40°	101.6	103.0	103.8	103.8	103.8	103.0	101.6	99.8	98.2	96.0	93.6
37.5°	115.0	116.8	117.8	117.5	117.8	116.8	115.0	112.6	109.8	106.2	103.0
35°	131.8	133.7	134.4	135.4	134.4	133.7	131.8	128.9	125.2	120.5	115.2
32.5°	158.7	162.5	164.0	161.9	164.0	162.5	158.7	152.7	145.0	137.4	130.0
30°	215.8	229.6	238.8	243.3	238.8	229.6	215.8	200.2	177.2	162.3	149.2
27.5°	385.8	421.9	437.1	445.5	437.1	421.9	385.8	331.2	252.0	222.5	183.0
25°	713.2	790.2	834.5	830.9	834.5	790.2	713.2	607.2	483.4	376.3	261.9
22.5°	1195.2	1316.7	1389.6	1416.3	1389.6	1316.7	1195.2	1017.7	826.6	639.0	462.2
20°	1792.8	1929.0	2000.3	2010.9	2000.3	1929.0	1792.8	1571.3	1306.0	999.2	748.0
17.5°	2478.7	2607.8	2682.9	2681.9	2682.9	2607.8	2478.7	2218.0	1886.8	1492.3	1103.7
15°	3537.5	4037.3	4319.2	4278.0	4319.2	4037.3	3537.5	2958.2	2532.8	2034.2	1504.2
12.5°	5796.4	7792.8	9031.2	9337.1	9031.2	7792.8	5796.4	4329.8	3248.0	2564.7	1929.0
10°	10243.1	13229.8	15615.2	16304.5	15615.2	13229.8	10243.1	6982.1	4424.7	3056.7	2285.7
7.5°	14733.9	18278.8	19737.7	19907.2	19737.7	18278.8	14733.9	10351.7	6048.2	3749.9	2590.7
5°	18123.7	21730.6	22148.2	21099.4	22148.2	21730.6	18123.7	13214.5	8032.8	4457.1	2791.6
2.5°	20361.2	23086.4	23475.5	22911.1	23475.5	23086.4	20361.2	15251.8	9180.8	4931.9	2926.8
0°	20871.5	22725.9	23278.7	23339.1	23278.7	22725.9	20871.5	15977.7	9629.0	5094.8	2963.0
-2.5°	20361.2	23086.4	23475.5	22911.1	23475.5	23086.4	20361.2	15251.8	9180.8	4931.9	2926.8
-5°	18123.7	21730.6	22148.2	21099.4	22148.2	21730.6	18123.7	13214.5	8032.8	4457.1	2791.6
-7.5°	14733.9	18278.8	19737.7	19907.2	19737.7	18278.8	14733.9	10351.7	6048.2	3749.9	2590.7
-10°	10243.1	13229.8	15615.2	16304.5	15615.2	13229.8	10243.1	6982.1	4424.7	3056.7	2285.7
-12.5°	5796.4	7792.8	9031.2	9337.1	9031.2	7792.8	5796.4	4329.8	3248.0	2564.7	1929.0
-15°	3537.5	4037.3	4319.2	4278.0	4319.2	4037.3	3537.5	2958.2	2532.8	2034.2	1504.2
-17.5°	2478.7	2607.8	2682.9	2681.9	2682.9	2607.8	2478.7	2218.0	1886.8	1492.3	1103.7
-20°	1792.8	1929.0	2000.3	2010.9	2000.3	1929.0	1792.8	1571.3	1306.0	999.2	748.0



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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1195.2	1316.7	1389.6	1416.3	1389.6	1316.7	1195.2	1017.7	826.6	639.0	462.2
-25°	713.2	790.2	834.5	830.9	834.5	790.2	713.2	607.2	483.4	376.3	261.9
-27.5°	385.8	421.9	437.1	445.5	437.1	421.9	385.8	331.2	252.0	222.5	183.0
-30°	215.8	229.6	238.8	243.3	238.8	229.6	215.8	200.2	177.2	162.3	149.2
-32.5°	158.7	162.5	164.0	161.9	164.0	162.5	158.7	152.7	145.0	137.4	130.0
-35°	131.8	133.7	134.4	135.4	134.4	133.7	131.8	128.9	125.2	120.5	115.2
-37.5°	115.0	116.8	117.8	117.5	117.8	116.8	115.0	112.6	109.8	106.2	103.0
-40°	101.6	103.0	103.8	103.8	103.8	103.0	101.6	99.8	98.2	96.0	93.6
-42.5°	90.9	91.6	91.9	91.8	91.9	91.6	90.9	89.6	88.4	87.0	85.8
-45°	81.9	82.5	82.8	83.0	82.8	82.5	81.9	81.1	80.8	80.8	80.8
-47.5°	75.6	75.7	75.9	76.0	75.9	75.7	75.6	75.3	75.5	75.9	75.9
-50°	71.1	70.7	70.6	70.6	70.6	70.7	71.1	71.3	71.5	71.6	71.4
-52.5°	68.4	68.2	68.1	68.1	68.1	68.2	68.4	68.5	68.6	68.5	68.2
-55°	66.8	66.9	66.7	66.4	66.7	66.9	66.8	66.7	66.5	66.2	65.8
-57.5°	65.2	65.4	65.6	65.6	65.6	65.4	65.2	64.9	64.5	64.1	63.5
-60°	62.8	63.2	63.4	63.5	63.4	63.2	62.8	62.4	61.8	61.1	60.3
-62.5°	58.2	58.3	58.4	58.5	58.4	58.3	58.2	57.9	57.5	56.9	56.2
-65°	53.2	53.4	53.3	53.1	53.3	53.4	53.2	53.0	52.6	52.0	51.3
-67.5°	47.8	48.0	48.0	47.8	48.0	48.0	47.8	47.6	47.2	46.6	45.8
-70°	42.0	42.2	42.4	42.4	42.4	42.2	42.0	41.6	41.2	40.6	40.0
-72.5°	35.7	35.9	36.2	36.5	36.2	35.9	35.7	35.4	35.0	34.5	33.9
-75°	29.2	29.4	29.8	30.3	29.8	29.4	29.2	28.9	28.5	28.1	27.6
-77.5°	22.9	23.2	23.3	23.3	23.3	23.2	22.9	22.6	22.2	21.8	21.5
-80°	16.8	16.9	17.2	17.4	17.2	16.9	16.8	16.6	16.4	16.2	15.8
-82.5°	11.1	11.1	11.2	11.2	11.2	11.1	11.1	11.0	10.8	10.7	10.4
-85°	6.4	6.6	6.4	6.2	6.4	6.6	6.4	6.3	6.1	5.9	5.8
-87.5°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.3
-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):

	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°	2.2	2.0	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.8
85°	5.7	5.6	5.4	5.3	5.2	5.0	4.9	4.6	4.4	4.1	3.9
82.5°	10.1	9.8	9.5	9.2	8.9	8.6	8.3	7.9	7.5	7.0	6.4
80°	15.4	14.9	14.4	14.0	13.6	13.1	12.5	11.9	11.4	10.8	10.2
77.5°	21.1	20.7	20.1	19.5	18.9	18.2	17.5	16.7	15.9	15.1	14.2
75°	27.1	26.6	26.0	25.3	24.5	23.6	22.6	21.7	20.6	19.5	18.4
72.5°	33.2	32.5	31.7	30.9	30.0	29.0	28.0	26.8	25.5	24.2	22.8
70°	39.2	38.4	37.5	36.5	35.4	34.3	33.1	31.9	30.6	29.2	27.5
67.5°	45.0	44.0	43.1	42.0	40.8	39.5	38.1	36.7	35.3	33.7	32.0
65°	50.4	49.3	48.3	47.2	46.0	44.6	43.1	41.6	39.9	38.2	36.2
62.5°	55.3	54.5	53.4	52.2	50.9	49.5	47.9	46.2	44.4	42.6	40.4
60°	59.4	58.5	57.5	56.4	55.2	53.9	52.2	50.5	48.6	46.6	44.4
57.5°	62.8	61.9	61.0	60.0	58.9	57.5	56.0	54.4	52.5	50.4	48.2
55°	65.3	64.7	63.9	63.0	62.0	60.7	59.3	57.7	55.9	54.0	51.7
52.5°	67.6	67.0	66.4	65.7	64.7	63.4	62.2	60.6	59.0	57.0	54.9
50°	70.9	69.8	68.8	67.8	66.9	65.8	64.4	63.1	61.5	59.7	57.7
47.5°	75.1	73.3	71.6	70.2	69.0	67.8	66.5	65.1	63.7	62.1	60.1
45°	79.5	77.4	75.1	73.2	71.4	70.0	68.6	67.2	65.7	64.1	62.3
42.5°	84.1	81.9	79.4	76.9	74.4	72.4	70.7	69.2	67.6	66.0	64.2
40°	90.6	87.2	84.5	81.3	78.2	75.2	73.3	71.3	69.6	67.8	66.0
37.5°	99.2	95.2	91.0	86.8	82.9	79.2	76.4	74.0	71.6	69.6	67.6
35°	109.2	104.1	98.7	93.5	88.7	84.1	80.1	76.9	74.2	71.7	69.3
32.5°	122.3	114.9	107.8	101.3	94.8	89.2	84.4	80.3	77.0	74.1	71.3
30°	136.6	127.0	117.8	110.1	102.3	95.2	88.7	83.9	80.0	76.7	73.4
27.5°	159.9	141.4	129.6	119.0	110.0	101.7	94.0	87.0	82.8	79.3	75.7
25°	210.5	166.1	144.5	130.3	118.6	107.9	99.2	91.2	85.3	81.5	77.0
22.5°	307.3	222.7	167.0	142.4	128.1	115.3	104.4	95.4	87.3	82.4	77.8
20°	499.1	309.2	213.9	162.4	138.6	122.6	109.7	99.6	90.5	83.5	78.4
17.5°	758.3	477.4	273.2	188.3	152.5	131.6	115.6	103.4	93.4	84.7	78.7
15°	1036.0	668.4	397.5	237.2	167.3	139.3	120.5	106.9	96.2	86.5	79.6
12.5°	1352.8	868.4	512.2	276.9	184.6	147.7	126.0	110.7	98.9	88.7	81.0
10°	1636.5	1070.5	644.4	359.2	213.6	156.3	131.0	114.1	101.4	90.5	82.1
7.5°	1867.8	1261.1	764.0	420.6	235.4	163.0	135.2	117.0	103.4	91.7	82.9
5°	2015.6	1401.7	859.3	466.5	250.6	167.5	138.0	119.1	105.0	92.6	83.4
2.5°	2120.4	1494.8	919.7	493.3	258.7	170.0	140.1	120.4	106.1	93.6	84.2
0°	2125.5	1526.4	940.1	516.5	260.3	170.7	141.6	120.8	106.7	94.3	84.7
-2.5°	2120.4	1494.8	919.7	493.3	258.7	170.0	140.1	120.4	106.1	93.6	84.2
-5°	2015.6	1401.7	859.3	466.5	250.6	167.5	138.0	119.1	105.0	92.6	83.4
-7.5°	1867.8	1261.1	764.0	420.6	235.4	163.0	135.2	117.0	103.4	91.7	82.9
-10°	1636.5	1070.5	644.4	359.2	213.6	156.3	131.0	114.1	101.4	90.5	82.1
-12.5°	1352.8	868.4	512.2	276.9	184.6	147.7	126.0	110.7	98.9	88.7	81.0
-15°	1036.0	668.4	397.5	237.2	167.3	139.3	120.5	106.9	96.2	86.5	79.6
-17.5°	758.3	477.4	273.2	188.3	152.5	131.6	115.6	103.4	93.4	84.7	78.7
-20°	499.1	309.2	213.9	162.4	138.6	122.6	109.7	99.6	90.5	83.5	78.4



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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°	307.3	222.7	167.0	142.4	128.1	115.3	104.4	95.4	87.3	82.4	77.8
-25°	210.5	166.1	144.5	130.3	118.6	107.9	99.2	91.2	85.3	81.5	77.0
-27.5°	159.9	141.4	129.6	119.0	110.0	101.7	94.0	87.0	82.8	79.3	75.7
-30°	136.6	127.0	117.8	110.1	102.3	95.2	88.7	83.9	80.0	76.7	73.4
-32.5°	122.3	114.9	107.8	101.3	94.8	89.2	84.4	80.3	77.0	74.1	71.3
-35°	109.2	104.1	98.7	93.5	88.7	84.1	80.1	76.9	74.2	71.7	69.3
-37.5°	99.2	95.2	91.0	86.8	82.9	79.2	76.4	74.0	71.6	69.6	67.6
-40°	90.6	87.2	84.5	81.3	78.2	75.2	73.3	71.3	69.6	67.8	66.0
-42.5°	84.1	81.9	79.4	76.9	74.4	72.4	70.7	69.2	67.6	66.0	64.2
-45°	79.5	77.4	75.1	73.2	71.4	70.0	68.6	67.2	65.7	64.1	62.3
-47.5°	75.1	73.3	71.6	70.2	69.0	67.8	66.5	65.1	63.7	62.1	60.1
-50°	70.9	69.8	68.8	67.8	66.9	65.8	64.4	63.1	61.5	59.7	57.7
-52.5°	67.6	67.0	66.4	65.7	64.7	63.4	62.2	60.6	59.0	57.0	54.9
-55°	65.3	64.7	63.9	63.0	62.0	60.7	59.3	57.7	55.9	54.0	51.7
-57.5°	62.8	61.9	61.0	60.0	58.9	57.5	56.0	54.4	52.5	50.4	48.2
-60°	59.4	58.5	57.5	56.4	55.2	53.9	52.2	50.5	48.6	46.6	44.4
-62.5°	55.3	54.5	53.4	52.2	50.9	49.5	47.9	46.2	44.4	42.6	40.4
-65°	50.4	49.3	48.3	47.2	46.0	44.6	43.1	41.6	39.9	38.2	36.2
-67.5°	45.0	44.0	43.1	42.0	40.8	39.5	38.1	36.7	35.3	33.7	32.0
-70°	39.2	38.4	37.5	36.5	35.4	34.3	33.1	31.9	30.6	29.2	27.5
-72.5°	33.2	32.5	31.7	30.9	30.0	29.0	28.0	26.8	25.5	24.2	22.8
-75°	27.1	26.6	26.0	25.3	24.5	23.6	22.6	21.7	20.6	19.5	18.4
-77.5°	21.1	20.7	20.1	19.5	18.9	18.2	17.5	16.7	15.9	15.1	14.2
-80°	15.4	14.9	14.4	14.0	13.6	13.1	12.5	11.9	11.4	10.8	10.2
-82.5°	10.1	9.8	9.5	9.2	8.9	8.6	8.3	7.9	7.5	7.0	6.4
-85°	5.7	5.6	5.4	5.3	5.2	5.0	4.9	4.6	4.4	4.1	3.9
-87.5°	2.2	2.0	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.8
-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°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	0.8
85°	3.7	3.5	3.3	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.5
82.5°	6.0	5.7	5.5	5.2	4.8	4.4	4.0	3.6	3.1	2.6	2.2
80°	9.6	8.9	8.3	7.6	7.0	6.4	5.9	5.3	4.6	3.9	3.2
77.5°	13.3	12.4	11.4	10.5	9.6	8.7	7.9	7.0	6.1	5.2	4.4
75°	17.2	16.0	14.8	13.6	12.3	11.1	10.0	8.9	7.8	6.5	5.5
72.5°	21.4	20.0	18.5	16.8	15.4	13.9	12.3	10.8	9.5	8.1	6.6
70°	25.8	24.1	22.4	20.5	18.5	16.6	14.9	13.1	11.2	9.7	8.0
67.5°	30.1	28.1	26.1	24.1	21.9	19.6	17.5	15.4	13.3	11.2	9.4
65°	34.2	32.0	29.7	27.4	25.0	22.6	20.2	17.7	15.4	13.1	10.8
62.5°	38.2	35.9	33.4	30.7	28.1	25.5	22.8	20.2	17.4	14.9	12.3
60°	42.2	39.6	36.9	34.0	31.1	28.3	25.4	22.5	19.6	16.6	13.9
57.5°	45.8	43.3	40.3	37.3	34.1	31.0	27.9	24.8	21.7	18.5	15.4
55°	49.2	46.6	43.6	40.4	37.0	33.7	30.4	27.1	23.7	20.3	16.8
52.5°	52.5	49.6	46.6	43.3	39.8	36.3	32.8	29.3	25.7	22.1	18.4
50°	55.3	52.5	49.4	46.0	42.5	38.8	35.2	31.5	27.6	23.8	19.9
47.5°	57.8	55.1	52.0	48.6	44.9	41.3	37.5	33.6	29.5	25.4	21.4
45°	60.0	57.4	54.4	50.9	47.4	43.6	39.6	35.7	31.3	27.0	22.8
42.5°	62.1	59.5	56.6	53.2	49.7	45.8	41.7	37.5	33.2	28.6	24.2
40°	63.8	61.5	58.6	55.3	51.8	48.0	43.7	39.3	34.9	30.1	25.5
37.5°	65.5	63.2	60.4	57.5	53.9	50.0	45.6	40.9	36.5	31.5	26.7
35°	67.0	64.6	62.3	59.4	55.9	51.8	47.4	42.5	37.9	32.9	27.9
32.5°	68.5	66.1	63.6	60.9	57.7	53.7	49.1	44.1	39.2	34.2	29.0
30°	70.2	67.3	64.9	62.4	59.4	55.3	50.6	45.5	40.4	35.4	30.0
27.5°	71.6	68.3	66.0	63.6	60.7	56.9	52.0	46.8	41.5	36.5	31.0
25°	72.7	69.3	66.8	64.5	61.8	58.1	53.2	47.9	42.6	37.4	31.9
22.5°	73.6	70.2	67.5	65.4	62.9	59.2	54.2	48.9	43.5	38.2	32.7
20°	74.1	70.8	68.0	66.2	63.8	60.0	55.1	49.8	44.3	39.0	33.4
17.5°	74.3	71.3	68.6	66.6	64.5	60.8	55.9	50.5	45.0	39.7	34.0
15°	75.0	71.7	69.1	67.1	65.0	61.6	56.6	51.2	45.6	40.3	34.6
12.5°	75.7	72.0	69.4	67.4	65.5	62.4	57.1	51.7	46.1	40.8	35.0
10°	76.3	72.3	69.6	67.7	65.9	63.2	57.5	52.1	46.6	41.2	35.4
7.5°	76.8	72.4	69.6	67.9	66.2	63.7	57.9	52.5	47.0	41.5	35.7
5°	77.2	72.4	69.6	68.0	66.5	64.1	58.2	52.7	47.4	41.7	35.9
2.5°	77.5	72.4	69.5	68.1	66.7	64.3	58.4	52.7	47.6	41.9	36.1
0°	77.6	72.2	69.3	68.1	66.9	64.4	58.5	52.7	47.8	41.9	36.1
-2.5°	77.5	72.4	69.5	68.1	66.7	64.3	58.4	52.7	47.6	41.9	36.1
-5°	77.2	72.4	69.6	68.0	66.5	64.1	58.2	52.7	47.4	41.7	35.9
-7.5°	76.8	72.4	69.6	67.9	66.2	63.7	57.9	52.5	47.0	41.5	35.7
-10°	76.3	72.3	69.6	67.7	65.9	63.2	57.5	52.1	46.6	41.2	35.4
-12.5°	75.7	72.0	69.4	67.4	65.5	62.4	57.1	51.7	46.1	40.8	35.0
-15°	75.0	71.7	69.1	67.1	65.0	61.6	56.6	51.2	45.6	40.3	34.6
-17.5°	74.3	71.3	68.6	66.6	64.5	60.8	55.9	50.5	45.0	39.7	34.0
-20°	74.1	70.8	68.0	66.2	63.8	60.0	55.1	49.8	44.3	39.0	33.4



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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°	73.6	70.2	67.5	65.4	62.9	59.2	54.2	48.9	43.5	38.2	32.7
-25°	72.7	69.3	66.8	64.5	61.8	58.1	53.2	47.9	42.6	37.4	31.9
-27.5°	71.6	68.3	66.0	63.6	60.7	56.9	52.0	46.8	41.5	36.5	31.0
-30°	70.2	67.3	64.9	62.4	59.4	55.3	50.6	45.5	40.4	35.4	30.0
-32.5°	68.5	66.1	63.6	60.9	57.7	53.7	49.1	44.1	39.2	34.2	29.0
-35°	67.0	64.6	62.3	59.4	55.9	51.8	47.4	42.5	37.9	32.9	27.9
-37.5°	65.5	63.2	60.4	57.5	53.9	50.0	45.6	40.9	36.5	31.5	26.7
-40°	63.8	61.5	58.6	55.3	51.8	48.0	43.7	39.3	34.9	30.1	25.5
-42.5°	62.1	59.5	56.6	53.2	49.7	45.8	41.7	37.5	33.2	28.6	24.2
-45°	60.0	57.4	54.4	50.9	47.4	43.6	39.6	35.7	31.3	27.0	22.8
-47.5°	57.8	55.1	52.0	48.6	44.9	41.3	37.5	33.6	29.5	25.4	21.4
-50°	55.3	52.5	49.4	46.0	42.5	38.8	35.2	31.5	27.6	23.8	19.9
-52.5°	52.5	49.6	46.6	43.3	39.8	36.3	32.8	29.3	25.7	22.1	18.4
-55°	49.2	46.6	43.6	40.4	37.0	33.7	30.4	27.1	23.7	20.3	16.8
-57.5°	45.8	43.3	40.3	37.3	34.1	31.0	27.9	24.8	21.7	18.5	15.4
-60°	42.2	39.6	36.9	34.0	31.1	28.3	25.4	22.5	19.6	16.6	13.9
-62.5°	38.2	35.9	33.4	30.7	28.1	25.5	22.8	20.2	17.4	14.9	12.3
-65°	34.2	32.0	29.7	27.4	25.0	22.6	20.2	17.7	15.4	13.1	10.8
-67.5°	30.1	28.1	26.1	24.1	21.9	19.6	17.5	15.4	13.3	11.2	9.4
-70°	25.8	24.1	22.4	20.5	18.5	16.6	14.9	13.1	11.2	9.7	8.0
-72.5°	21.4	20.0	18.5	16.8	15.4	13.9	12.3	10.8	9.5	8.1	6.6
-75°	17.2	16.0	14.8	13.6	12.3	11.1	10.0	8.9	7.8	6.5	5.5
-77.5°	13.3	12.4	11.4	10.5	9.6	8.7	7.9	7.0	6.1	5.2	4.4
-80°	9.6	8.9	8.3	7.6	7.0	6.4	5.9	5.3	4.6	3.9	3.2
-82.5°	6.0	5.7	5.5	5.2	4.8	4.4	4.0	3.6	3.1	2.6	2.2
-85°	3.7	3.5	3.3	3.0	2.8	2.5	2.3	2.1	1.9	1.7	1.5
-87.5°	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.1	1.0	0.9	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):

	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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
80°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
77.5°	3.6	2.8	2.2	1.6	1.1	0.5	0.0
75°	4.5	3.6	2.6	1.9	1.3	0.6	0.0
72.5°	5.4	4.4	3.3	2.2	1.5	0.8	0.0
70°	6.4	5.2	3.9	2.6	1.7	0.9	0.0
67.5°	7.6	6.0	4.6	3.1	1.9	1.0	0.0
65°	8.8	6.8	5.2	3.6	2.1	1.1	0.0
62.5°	9.9	7.8	5.8	4.0	2.3	1.2	0.0
60°	11.1	8.7	6.4	4.5	2.5	1.2	0.0
57.5°	12.3	9.6	7.1	5.0	2.8	1.3	0.0
55°	13.6	10.5	7.8	5.4	3.1	1.4	0.0
52.5°	14.8	11.4	8.5	5.8	3.4	1.5	0.0
50°	16.0	12.4	9.1	6.3	3.7	1.6	0.0
47.5°	17.2	13.3	9.8	6.7	3.9	1.7	0.0
45°	18.4	14.2	10.4	7.1	4.2	1.8	0.0
42.5°	19.6	15.1	10.9	7.6	4.4	1.8	0.0
40°	20.7	15.9	11.5	8.0	4.7	1.9	0.0
37.5°	21.8	16.7	12.2	8.3	4.9	2.0	0.0
35°	22.9	17.6	12.8	8.7	5.1	2.0	0.0
32.5°	23.8	18.4	13.3	9.0	5.3	2.1	0.0
30°	24.7	19.1	13.9	9.3	5.5	2.2	0.0
27.5°	25.5	19.8	14.4	9.6	5.7	2.2	0.0
25°	26.3	20.5	14.8	9.9	5.8	2.3	0.0
22.5°	27.0	21.1	15.3	10.1	6.0	2.3	0.0
20°	27.6	21.7	15.7	10.4	6.1	2.3	0.0
17.5°	28.1	22.1	16.0	10.6	6.2	2.4	0.0
15°	28.6	22.6	16.4	10.7	6.3	2.4	0.0
12.5°	29.0	22.9	16.6	10.9	6.4	2.4	0.0
10°	29.3	23.2	16.9	11.0	6.5	2.5	0.0
7.5°	29.6	23.4	17.1	11.1	6.5	2.5	0.0
5°	29.8	23.6	17.2	11.1	6.6	2.5	0.0
2.5°	29.9	23.7	17.3	11.2	6.6	2.5	0.0
0°	29.9	23.7	17.4	11.2	6.6	2.5	0.0
-2.5°	29.9	23.7	17.3	11.2	6.6	2.5	0.0
-5°	29.8	23.6	17.2	11.1	6.6	2.5	0.0
-7.5°	29.6	23.4	17.1	11.1	6.5	2.5	0.0
-10°	29.3	23.2	16.9	11.0	6.5	2.5	0.0
-12.5°	29.0	22.9	16.6	10.9	6.4	2.4	0.0
-15°	28.6	22.6	16.4	10.7	6.3	2.4	0.0
-17.5°	28.1	22.1	16.0	10.6	6.2	2.4	0.0
-20°	27.6	21.7	15.7	10.4	6.1	2.3	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	27.0	21.1	15.3	10.1	6.0	2.3	0.0
-25°	26.3	20.5	14.8	9.9	5.8	2.3	0.0
-27.5°	25.5	19.8	14.4	9.6	5.7	2.2	0.0
-30°	24.7	19.1	13.9	9.3	5.5	2.2	0.0
-32.5°	23.8	18.4	13.3	9.0	5.3	2.1	0.0
-35°	22.9	17.6	12.8	8.7	5.1	2.0	0.0
-37.5°	21.8	16.7	12.2	8.3	4.9	2.0	0.0
-40°	20.7	15.9	11.5	8.0	4.7	1.9	0.0
-42.5°	19.6	15.1	10.9	7.6	4.4	1.8	0.0
-45°	18.4	14.2	10.4	7.1	4.2	1.8	0.0
-47.5°	17.2	13.3	9.8	6.7	3.9	1.7	0.0
-50°	16.0	12.4	9.1	6.3	3.7	1.6	0.0
-52.5°	14.8	11.4	8.5	5.8	3.4	1.5	0.0
-55°	13.6	10.5	7.8	5.4	3.1	1.4	0.0
-57.5°	12.3	9.6	7.1	5.0	2.8	1.3	0.0
-60°	11.1	8.7	6.4	4.5	2.5	1.2	0.0
-62.5°	9.9	7.8	5.8	4.0	2.3	1.2	0.0
-65°	8.8	6.8	5.2	3.6	2.1	1.1	0.0
-67.5°	7.6	6.0	4.6	3.1	1.9	1.0	0.0
-70°	6.4	5.2	3.9	2.6	1.7	0.9	0.0
-72.5°	5.4	4.4	3.3	2.2	1.5	0.8	0.0
-75°	4.5	3.6	2.6	1.9	1.3	0.6	0.0
-77.5°	3.6	2.8	2.2	1.6	1.1	0.5	0.0
-80°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-82.5°	1.9	1.6	1.3	1.0	0.7	0.3	0.0
-85°	1.3	1.1	0.9	0.7	0.4	0.2	0.0
-87.5°	0.6	0.5	0.4	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)