

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: P558500 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-930-U-MR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558500 (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-SA1B-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

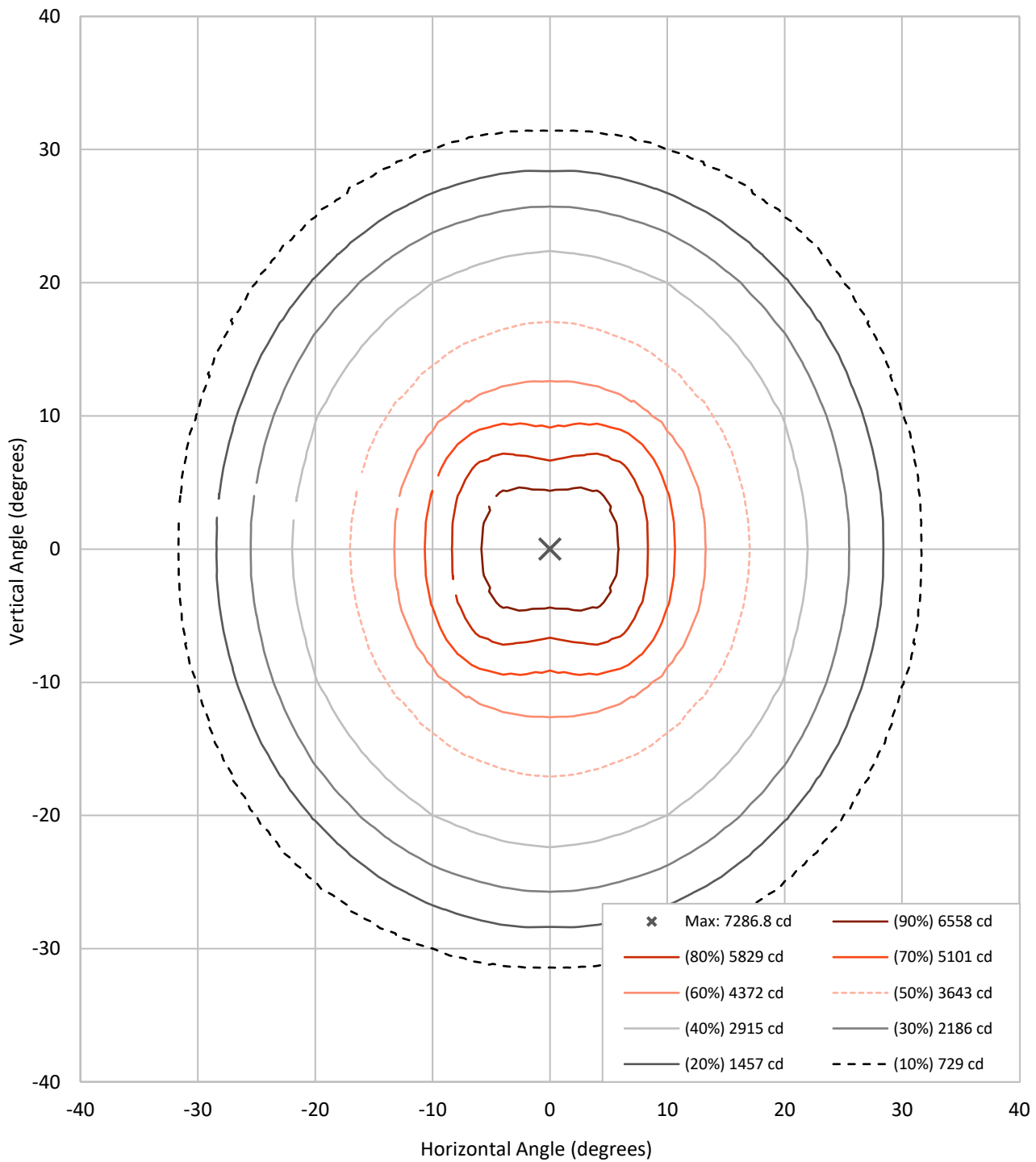
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	3223.5 lumens	Max Intensity:	7286.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	97.7 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	1373 lumens	Field Lumens:	2806.1 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

Input Watts (W): 33
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: P558500 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





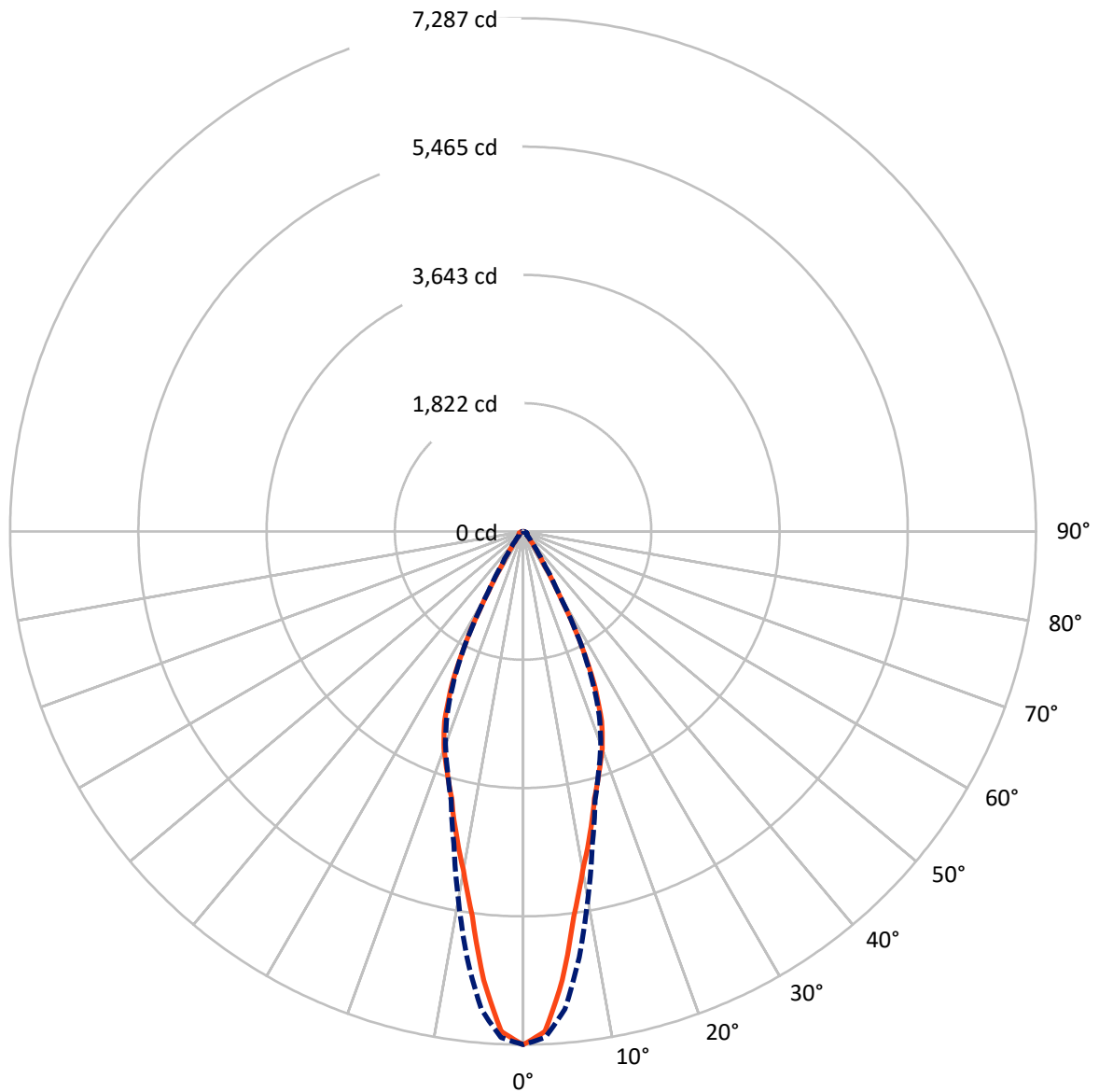
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Lumen Table

90																			
80	0.0	0.4		1.0		1.6		1.9		1.6		1.0		0.4		0.0			
70																			
60	0.2	0.2	0.4	0.7	1.0	1.3	1.6	1.7	1.7	1.6	1.3	1.0	0.7	0.4	0.2	0.2			
50		0.3	0.7	1.1	1.6	1.8	1.9	1.9	1.9	1.9	1.8	1.6	1.1	0.7	0.3				
40	0.3	0.4	0.9	1.4	1.6	2.0	2.5	2.9	2.9	2.5	2.0	1.6	1.4	0.9	0.4	0.3			
30		0.5	1.1	1.4	2.1	4.1	7.8	11.9	11.9	7.8	4.1	2.1	1.4	1.1	0.5				
20	0.4	0.6	1.1	1.5	3.8	12.5	39.4	64.9	64.9	39.4	12.5	3.8	1.5	1.1	0.6	0.4			
10		0.7	1.1	1.9	7.0	37.2	87.9	116.4	116.4	87.9	37.2	7.0	1.9	1.1	0.7				
0	0.5	0.7	1.1	2.2	10.7	58.6	114.3	180.3	180.3	114.3	58.6	10.7	2.2	1.1	0.7	0.5			
-10		0.7	1.1	2.2	10.7	58.6	114.3	180.3	180.3	114.3	58.6	10.7	2.2	1.1	0.7				
-20	0.4	0.7	1.1	1.9	7.0	37.2	87.9	116.4	116.4	87.9	37.2	7.0	1.9	1.1	0.7	0.4			
-30		0.6	1.1	1.5	3.8	12.5	39.4	64.9	64.9	39.4	12.5	3.8	1.5	1.1	0.6				
-40	0.3	0.5	1.1	1.4	2.1	4.1	7.8	11.9	11.9	7.8	4.1	2.1	1.4	1.1	0.5	0.3			
-50		0.4	0.9	1.4	1.6	2.0	2.5	2.9	2.9	2.5	2.0	1.6	1.4	0.9	0.4				
-60	0.2	0.3	0.7	1.1	1.6	1.8	1.9	1.9	1.9	1.9	1.8	1.6	1.1	0.7	0.3	0.2			
-70		0.2	0.4	0.7	1.0	1.3	1.6	1.7	1.7	1.6	1.3	1.0	0.7	0.4	0.2				
-80	0.0	0.4		1.0		1.6		1.9		1.6		1.0		0.4		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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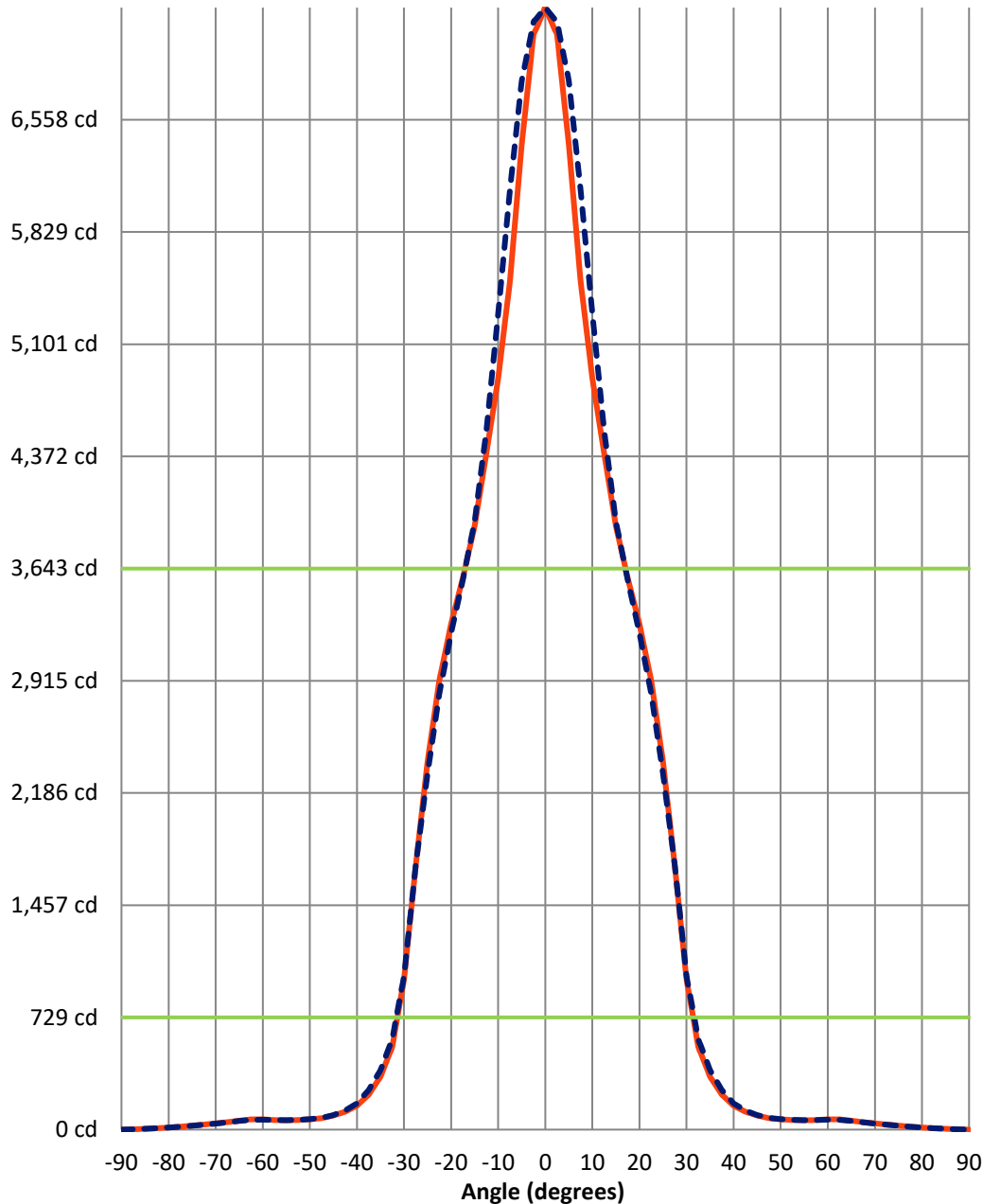
Luminous Intensity Polar Plot



— 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: 1373
Efficiency: 42.6%

Field:
H Angle: 63.3°
V Angle: 62.8°
Lumens: 2806.1
Efficiency: 87.1%

Spill:
Lumens: 417.4
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	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.4	2.7
80°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.6	3.1	3.5	4.0
77.5°	0.0	0.4	0.8	1.2	1.6	2.1	2.9	3.5	4.1	4.7	5.3
75°	0.0	0.5	1.0	1.5	2.0	2.8	3.7	4.5	5.2	6.0	6.9
72.5°	0.0	0.6	1.1	1.7	2.5	3.5	4.5	5.5	6.4	7.4	8.4
70°	0.0	0.6	1.3	2.0	3.0	4.2	5.4	6.5	7.6	8.7	10.2
67.5°	0.0	0.7	1.5	2.3	3.6	4.8	6.2	7.5	8.7	10.4	12.0
65°	0.0	0.8	1.6	2.7	4.1	5.5	7.0	8.4	10.2	12.0	14.0
62.5°	0.0	0.9	1.8	3.1	4.5	6.2	7.9	9.6	11.6	13.7	16.3
60°	0.0	0.9	1.9	3.4	5.0	6.9	8.7	10.8	13.0	15.7	18.5
57.5°	0.0	1.0	2.1	3.8	5.6	7.6	9.7	12.0	14.7	17.7	20.8
55°	0.0	1.1	2.3	4.1	6.1	8.3	10.7	13.2	16.4	19.6	23.0
52.5°	0.0	1.2	2.6	4.4	6.7	9.0	11.7	14.6	18.1	21.5	25.1
50°	0.0	1.2	2.8	4.7	7.2	9.8	12.6	16.0	19.7	23.4	27.4
47.5°	0.0	1.3	3.0	5.0	7.7	10.5	13.6	17.3	21.2	25.1	29.6
45°	0.0	1.3	3.2	5.4	8.2	11.3	14.7	18.6	22.7	27.1	31.8
42.5°	0.0	1.4	3.4	5.8	8.7	12.0	15.7	19.8	24.1	29.0	34.1
40°	0.0	1.5	3.6	6.1	9.2	12.7	16.7	21.0	25.5	30.8	36.3
37.5°	0.0	1.5	3.7	6.5	9.7	13.3	17.6	22.2	27.1	32.6	38.4
35°	0.0	1.6	3.9	6.8	10.2	14.0	18.4	23.2	28.6	34.4	40.4
32.5°	0.0	1.6	4.1	7.1	10.7	14.7	19.3	24.3	29.9	36.0	42.3
30°	0.0	1.6	4.2	7.3	11.1	15.3	20.1	25.3	31.2	37.6	44.1
27.5°	0.0	1.7	4.4	7.6	11.5	15.9	20.8	26.3	32.4	39.0	45.7
25°	0.0	1.7	4.5	7.8	11.8	16.4	21.5	27.2	33.6	40.4	47.3
22.5°	0.0	1.8	4.7	8.0	12.1	16.8	22.2	28.1	34.6	41.6	48.8
20°	0.0	1.8	4.8	8.2	12.4	17.2	22.7	28.9	35.6	42.7	50.2
17.5°	0.0	1.8	4.9	8.3	12.6	17.6	23.3	29.5	36.5	43.7	51.3
15°	0.0	1.8	5.0	8.4	12.8	17.9	23.7	30.1	37.2	44.6	52.4
12.5°	0.0	1.9	5.1	8.5	13.0	18.1	24.1	30.6	37.8	45.3	53.2
10°	0.0	1.9	5.1	8.6	13.1	18.3	24.4	31.1	38.3	45.9	54.0
7.5°	0.0	1.9	5.2	8.7	13.2	18.4	24.7	31.4	38.6	46.5	54.8
5°	0.0	1.9	5.2	8.7	13.3	18.5	24.9	31.6	38.8	46.9	55.5
2.5°	0.0	1.9	5.3	8.7	13.3	18.5	25.0	31.8	38.9	47.2	56.0
0°	0.0	1.9	5.3	8.7	13.3	18.5	25.0	31.8	38.9	47.3	56.3
-2.5°	0.0	1.9	5.3	8.7	13.3	18.5	25.0	31.8	38.9	47.2	56.0
-5°	0.0	1.9	5.2	8.7	13.3	18.5	24.9	31.6	38.8	46.9	55.5
-7.5°	0.0	1.9	5.2	8.7	13.2	18.4	24.7	31.4	38.6	46.5	54.8
-10°	0.0	1.9	5.1	8.6	13.1	18.3	24.4	31.1	38.3	45.9	54.0
-12.5°	0.0	1.9	5.1	8.5	13.0	18.1	24.1	30.6	37.8	45.3	53.2
-15°	0.0	1.8	5.0	8.4	12.8	17.9	23.7	30.1	37.2	44.6	52.4
-17.5°	0.0	1.8	4.9	8.3	12.6	17.6	23.3	29.5	36.5	43.7	51.3
-20°	0.0	1.8	4.8	8.2	12.4	17.2	22.7	28.9	35.6	42.7	50.2



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 CATALOG NUMBER: GFLD-SA1B-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	1.8	4.7	8.0	12.1	16.8	22.2	28.1	34.6	41.6	48.8
-25°	0.0	1.7	4.5	7.8	11.8	16.4	21.5	27.2	33.6	40.4	47.3
-27.5°	0.0	1.7	4.4	7.6	11.5	15.9	20.8	26.3	32.4	39.0	45.7
-30°	0.0	1.6	4.2	7.3	11.1	15.3	20.1	25.3	31.2	37.6	44.1
-32.5°	0.0	1.6	4.1	7.1	10.7	14.7	19.3	24.3	29.9	36.0	42.3
-35°	0.0	1.6	3.9	6.8	10.2	14.0	18.4	23.2	28.6	34.4	40.4
-37.5°	0.0	1.5	3.7	6.5	9.7	13.3	17.6	22.2	27.1	32.6	38.4
-40°	0.0	1.5	3.6	6.1	9.2	12.7	16.7	21.0	25.5	30.8	36.3
-42.5°	0.0	1.4	3.4	5.8	8.7	12.0	15.7	19.8	24.1	29.0	34.1
-45°	0.0	1.3	3.2	5.4	8.2	11.3	14.7	18.6	22.7	27.1	31.8
-47.5°	0.0	1.3	3.0	5.0	7.7	10.5	13.6	17.3	21.2	25.1	29.6
-50°	0.0	1.2	2.8	4.7	7.2	9.8	12.6	16.0	19.7	23.4	27.4
-52.5°	0.0	1.2	2.6	4.4	6.7	9.0	11.7	14.6	18.1	21.5	25.1
-55°	0.0	1.1	2.3	4.1	6.1	8.3	10.7	13.2	16.4	19.6	23.0
-57.5°	0.0	1.0	2.1	3.8	5.6	7.6	9.7	12.0	14.7	17.7	20.8
-60°	0.0	0.9	1.9	3.4	5.0	6.9	8.7	10.8	13.0	15.7	18.5
-62.5°	0.0	0.9	1.8	3.1	4.5	6.2	7.9	9.6	11.6	13.7	16.3
-65°	0.0	0.8	1.6	2.7	4.1	5.5	7.0	8.4	10.2	12.0	14.0
-67.5°	0.0	0.7	1.5	2.3	3.6	4.8	6.2	7.5	8.7	10.4	12.0
-70°	0.0	0.6	1.3	2.0	3.0	4.2	5.4	6.5	7.6	8.7	10.2
-72.5°	0.0	0.6	1.1	1.7	2.5	3.5	4.5	5.5	6.4	7.4	8.4
-75°	0.0	0.5	1.0	1.5	2.0	2.8	3.7	4.5	5.2	6.0	6.9
-77.5°	0.0	0.4	0.8	1.2	1.6	2.1	2.9	3.5	4.1	4.7	5.3
-80°	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.6	3.1	3.5	4.0
-82.5°	0.0	0.2	0.5	0.7	1.0	1.2	1.5	1.7	2.0	2.4	2.7
-85°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.1	1.3	1.5	1.6
-87.5°	0.0	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	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):

	-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°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
85°	1.8	1.9	2.1	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5
82.5°	3.0	3.4	3.7	4.1	4.3	4.5	4.8	5.1	5.5	5.9	6.3
80°	4.4	4.9	5.5	6.1	6.6	7.2	7.7	8.2	8.7	9.3	9.8
77.5°	6.0	6.8	7.6	8.4	9.1	10.0	10.9	11.7	12.5	13.1	13.8
75°	7.8	8.7	9.8	11.0	12.1	13.2	14.3	15.5	16.5	17.5	18.4
72.5°	9.6	11.0	12.3	13.7	15.2	16.7	18.1	19.5	20.8	22.0	23.2
70°	11.7	13.2	15.0	16.9	18.7	20.4	22.0	23.6	25.1	26.6	28.3
67.5°	13.8	15.9	18.0	20.1	22.2	24.1	26.0	28.0	29.9	31.9	33.8
65°	16.3	18.6	21.1	23.5	25.8	28.1	30.4	32.7	35.0	37.2	39.3
62.5°	18.8	21.5	24.2	26.9	29.6	32.2	34.9	37.6	40.2	42.9	45.4
60°	21.4	24.4	27.3	30.3	33.4	36.5	39.5	42.7	45.8	48.9	51.8
57.5°	24.0	27.2	30.4	33.8	37.4	40.9	44.4	48.0	51.6	55.1	58.1
55°	26.5	30.0	33.6	37.5	41.4	45.4	49.4	53.5	57.4	60.4	63.1
52.5°	29.0	32.8	37.0	41.2	45.5	50.0	54.7	58.7	61.9	64.4	65.0
50°	31.5	35.8	40.3	44.9	49.7	54.7	59.2	62.8	64.6	65.3	64.9
47.5°	34.1	38.8	43.6	48.5	53.9	58.7	62.9	64.8	65.6	64.7	63.5
45°	36.8	41.8	46.8	52.2	57.5	62.1	64.5	65.8	64.7	63.5	62.7
42.5°	39.3	44.6	50.1	55.7	60.7	63.9	65.4	64.7	63.7	62.8	63.1
40°	41.8	47.4	53.4	58.6	63.1	64.8	64.6	63.6	63.0	63.4	64.7
37.5°	44.2	50.2	56.4	61.5	63.9	64.6	63.5	62.9	63.3	64.8	67.6
35°	46.5	53.0	58.8	63.1	64.8	63.7	62.9	62.7	64.4	67.4	71.5
32.5°	48.7	55.6	61.2	63.9	64.2	62.9	62.3	63.7	66.3	70.2	77.2
30°	51.0	57.7	62.9	64.6	63.4	62.5	62.8	64.8	68.4	74.9	86.1
27.5°	53.0	59.5	63.4	64.3	62.8	62.0	63.5	66.6	71.7	80.4	96.5
25°	54.9	61.2	63.9	63.6	62.4	62.3	64.4	68.2	75.3	89.3	111.3
22.5°	56.4	62.7	64.4	63.1	61.9	62.8	65.7	71.0	80.5	97.7	126.8
20°	57.6	63.1	64.3	62.6	61.5	63.2	66.9	73.7	87.5	110.8	144.2
17.5°	58.8	63.4	63.9	62.2	61.8	63.9	68.1	76.1	93.7	122.1	161.0
15°	59.8	63.7	63.5	61.9	62.1	64.7	70.1	80.8	101.2	132.7	176.0
12.5°	60.6	64.0	63.1	61.7	62.3	65.5	71.8	85.0	108.6	144.2	200.1
10°	61.4	64.2	62.7	61.5	62.5	66.0	73.2	88.3	114.2	154.0	220.3
7.5°	62.0	64.4	62.4	61.3	62.5	66.5	74.3	90.8	118.3	161.8	235.5
5°	62.6	64.5	62.2	61.3	62.8	66.9	75.0	92.4	120.7	167.5	245.6
2.5°	62.9	64.6	62.1	61.2	63.1	67.5	75.7	93.8	122.9	170.4	252.8
0°	63.1	64.6	62.1	61.2	63.4	68.0	76.0	94.3	123.9	170.3	257.2
-2.5°	62.9	64.6	62.1	61.2	63.1	67.5	75.7	93.8	122.9	170.4	252.8
-5°	62.6	64.5	62.2	61.3	62.8	66.9	75.0	92.4	120.7	167.5	245.6
-7.5°	62.0	64.4	62.4	61.3	62.5	66.5	74.3	90.8	118.3	161.8	235.5
-10°	61.4	64.2	62.7	61.5	62.5	66.0	73.2	88.3	114.2	154.0	220.3
-12.5°	60.6	64.0	63.1	61.7	62.3	65.5	71.8	85.0	108.6	144.2	200.1
-15°	59.8	63.7	63.5	61.9	62.1	64.7	70.1	80.8	101.2	132.7	176.0
-17.5°	58.8	63.4	63.9	62.2	61.8	63.9	68.1	76.1	93.7	122.1	161.0
-20°	57.6	63.1	64.3	62.6	61.5	63.2	66.9	73.7	87.5	110.8	144.2



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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°	56.4	62.7	64.4	63.1	61.9	62.8	65.7	71.0	80.5	97.7	126.8
-25°	54.9	61.2	63.9	63.6	62.4	62.3	64.4	68.2	75.3	89.3	111.3
-27.5°	53.0	59.5	63.4	64.3	62.8	62.0	63.5	66.6	71.7	80.4	96.5
-30°	51.0	57.7	62.9	64.6	63.4	62.5	62.8	64.8	68.4	74.9	86.1
-32.5°	48.7	55.6	61.2	63.9	64.2	62.9	62.3	63.7	66.3	70.2	77.2
-35°	46.5	53.0	58.8	63.1	64.8	63.7	62.9	62.7	64.4	67.4	71.5
-37.5°	44.2	50.2	56.4	61.5	63.9	64.6	63.5	62.9	63.3	64.8	67.6
-40°	41.8	47.4	53.4	58.6	63.1	64.8	64.6	63.6	63.0	63.4	64.7
-42.5°	39.3	44.6	50.1	55.7	60.7	63.9	65.4	64.7	63.7	62.8	63.1
-45°	36.8	41.8	46.8	52.2	57.5	62.1	64.5	65.8	64.7	63.5	62.7
-47.5°	34.1	38.8	43.6	48.5	53.9	58.7	62.9	64.8	65.6	64.7	63.5
-50°	31.5	35.8	40.3	44.9	49.7	54.7	59.2	62.8	64.6	65.3	64.9
-52.5°	29.0	32.8	37.0	41.2	45.5	50.0	54.7	58.7	61.9	64.4	65.0
-55°	26.5	30.0	33.6	37.5	41.4	45.4	49.4	53.5	57.4	60.4	63.1
-57.5°	24.0	27.2	30.4	33.8	37.4	40.9	44.4	48.0	51.6	55.1	58.1
-60°	21.4	24.4	27.3	30.3	33.4	36.5	39.5	42.7	45.8	48.9	51.8
-62.5°	18.8	21.5	24.2	26.9	29.6	32.2	34.9	37.6	40.2	42.9	45.4
-65°	16.3	18.6	21.1	23.5	25.8	28.1	30.4	32.7	35.0	37.2	39.3
-67.5°	13.8	15.9	18.0	20.1	22.2	24.1	26.0	28.0	29.9	31.9	33.8
-70°	11.7	13.2	15.0	16.9	18.7	20.4	22.0	23.6	25.1	26.6	28.3
-72.5°	9.6	11.0	12.3	13.7	15.2	16.7	18.1	19.5	20.8	22.0	23.2
-75°	7.8	8.7	9.8	11.0	12.1	13.2	14.3	15.5	16.5	17.5	18.4
-77.5°	6.0	6.8	7.6	8.4	9.1	10.0	10.9	11.7	12.5	13.1	13.8
-80°	4.4	4.9	5.5	6.1	6.6	7.2	7.7	8.2	8.7	9.3	9.8
-82.5°	3.0	3.4	3.7	4.1	4.3	4.5	4.8	5.1	5.5	5.9	6.3
-85°	1.8	1.9	2.1	2.3	2.5	2.7	2.9	3.0	3.2	3.3	3.5
-87.5°	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5	1.5
-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):

	-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°	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.7
85°	3.6	3.8	3.9	4.1	4.3	4.4	4.5	4.6	4.7	4.7	4.8
82.5°	6.6	7.0	7.3	7.6	7.8	8.1	8.3	8.4	8.6	8.7	8.8
80°	10.3	10.8	11.2	11.5	11.9	12.1	12.4	12.6	12.7	13.0	13.3
77.5°	14.4	15.1	15.7	16.2	16.7	17.2	17.7	18.1	18.4	18.7	18.9
75°	19.2	20.0	20.9	21.6	22.3	23.0	23.7	24.3	24.9	25.2	25.5
72.5°	24.4	25.5	26.5	27.4	28.3	29.1	30.0	30.7	31.4	31.9	32.3
70°	29.9	31.3	32.4	33.5	34.6	35.7	36.7	37.6	38.4	39.0	39.6
67.5°	35.5	37.2	38.6	40.0	41.4	42.8	44.0	45.2	46.3	47.1	47.6
65°	41.3	43.4	45.3	47.1	48.6	50.1	51.7	53.2	54.5	55.6	56.5
62.5°	47.9	50.3	52.4	54.4	56.2	57.6	59.1	60.5	61.7	62.8	64.0
60°	54.6	57.3	59.2	60.9	62.4	63.7	64.2	64.7	65.1	65.5	66.0
57.5°	60.5	62.8	64.4	64.8	65.1	65.4	65.2	64.7	64.1	63.6	63.1
55°	64.6	65.2	65.9	65.4	64.5	63.7	63.0	62.4	61.9	61.5	61.1
52.5°	65.7	65.1	64.3	63.5	62.9	62.2	61.5	61.7	61.9	62.0	62.1
50°	64.1	63.4	63.0	62.5	62.5	62.9	63.2	63.8	64.5	65.1	65.5
47.5°	62.9	62.4	63.0	63.8	64.5	65.9	67.0	68.2	70.0	71.4	72.5
45°	62.5	63.7	64.9	66.8	68.5	71.4	74.2	76.5	80.8	84.7	87.7
42.5°	64.3	66.3	68.5	72.2	76.3	81.4	88.1	93.7	100.3	106.4	110.9
40°	67.2	70.1	75.1	81.1	90.5	98.9	109.9	119.3	128.2	137.5	144.6
37.5°	71.4	76.9	86.2	97.0	111.3	125.0	140.1	154.9	167.4	186.4	201.2
35°	77.6	88.8	102.0	120.0	138.7	159.7	181.9	210.4	235.6	265.0	292.7
32.5°	89.0	104.1	124.7	149.2	174.0	210.2	244.5	290.9	332.5	384.6	440.5
30°	102.2	124.9	152.6	184.5	229.4	279.3	335.5	406.7	491.3	592.0	727.0
27.5°	120.6	149.7	184.5	236.1	299.8	366.7	466.5	586.1	804.1	994.1	1245.8
25°	140.3	175.8	230.9	300.3	384.1	504.6	699.7	948.5	1301.1	1638.2	1907.6
22.5°	163.0	214.9	284.4	370.7	506.4	739.7	1042.6	1480.9	1874.0	2214.0	2475.8
20°	188.1	253.2	346.6	478.6	709.6	1051.2	1537.5	1987.3	2388.8	2681.6	2912.9
17.5°	220.7	305.7	424.2	606.4	960.9	1487.3	1988.6	2433.2	2782.6	3039.8	3244.9
15°	251.1	354.1	507.7	818.5	1302.4	1864.9	2378.8	2775.4	3077.7	3317.0	3501.5
12.5°	287.1	408.4	605.2	1001.7	1616.4	2176.5	2655.9	3026.2	3317.3	3541.7	3788.8
10°	319.1	466.8	744.9	1245.8	1874.2	2421.4	2886.9	3219.7	3511.6	3803.9	4174.5
7.5°	345.5	515.8	859.5	1451.7	2072.1	2602.5	3026.6	3359.1	3680.9	4071.3	4605.7
5°	366.5	552.8	953.7	1607.2	2216.0	2731.8	3133.2	3470.3	3833.8	4356.0	5073.3
2.5°	380.5	577.0	1012.7	1701.2	2306.8	2805.9	3212.3	3543.1	3924.1	4515.4	5264.8
0°	386.1	588.2	997.7	1718.2	2312.3	2830.0	3224.1	3570.3	3949.9	4542.1	5300.0
-2.5°	380.5	577.0	1012.7	1701.2	2306.8	2805.9	3212.3	3543.1	3924.1	4515.4	5264.8
-5°	366.5	552.8	953.7	1607.2	2216.0	2731.8	3133.2	3470.3	3833.8	4356.0	5073.3
-7.5°	345.5	515.8	859.5	1451.7	2072.1	2602.5	3026.6	3359.1	3680.9	4071.3	4605.7
-10°	319.1	466.8	744.9	1245.8	1874.2	2421.4	2886.9	3219.7	3511.6	3803.9	4174.5
-12.5°	287.1	408.4	605.2	1001.7	1616.4	2176.5	2655.9	3026.2	3317.3	3541.7	3788.8
-15°	251.1	354.1	507.7	818.5	1302.4	1864.9	2378.8	2775.4	3077.7	3317.0	3501.5
-17.5°	220.7	305.7	424.2	606.4	960.9	1487.3	1988.6	2433.2	2782.6	3039.8	3244.9
-20°	188.1	253.2	346.6	478.6	709.6	1051.2	1537.5	1987.3	2388.8	2681.6	2912.9



REPORT NUMBER: P558500 (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°	163.0	214.9	284.4	370.7	506.4	739.7	1042.6	1480.9	1874.0	2214.0	2475.8
-25°	140.3	175.8	230.9	300.3	384.1	504.6	699.7	948.5	1301.1	1638.2	1907.6
-27.5°	120.6	149.7	184.5	236.1	299.8	366.7	466.5	586.1	804.1	994.1	1245.8
-30°	102.2	124.9	152.6	184.5	229.4	279.3	335.5	406.7	491.3	592.0	727.0
-32.5°	89.0	104.1	124.7	149.2	174.0	210.2	244.5	290.9	332.5	384.6	440.5
-35°	77.6	88.8	102.0	120.0	138.7	159.7	181.9	210.4	235.6	265.0	292.7
-37.5°	71.4	76.9	86.2	97.0	111.3	125.0	140.1	154.9	167.4	186.4	201.2
-40°	67.2	70.1	75.1	81.1	90.5	98.9	109.9	119.3	128.2	137.5	144.6
-42.5°	64.3	66.3	68.5	72.2	76.3	81.4	88.1	93.7	100.3	106.4	110.9
-45°	62.5	63.7	64.9	66.8	68.5	71.4	74.2	76.5	80.8	84.7	87.7
-47.5°	62.9	62.4	63.0	63.8	64.5	65.9	67.0	68.2	70.0	71.4	72.5
-50°	64.1	63.4	63.0	62.5	62.5	62.9	63.2	63.8	64.5	65.1	65.5
-52.5°	65.7	65.1	64.3	63.5	62.9	62.2	61.5	61.7	61.9	62.0	62.1
-55°	64.6	65.2	65.9	65.4	64.5	63.7	63.0	62.4	61.9	61.5	61.1
-57.5°	60.5	62.8	64.4	64.8	65.1	65.4	65.2	64.7	64.1	63.6	63.1
-60°	54.6	57.3	59.2	60.9	62.4	63.7	64.2	64.7	65.1	65.5	66.0
-62.5°	47.9	50.3	52.4	54.4	56.2	57.6	59.1	60.5	61.7	62.8	64.0
-65°	41.3	43.4	45.3	47.1	48.6	50.1	51.7	53.2	54.5	55.6	56.5
-67.5°	35.5	37.2	38.6	40.0	41.4	42.8	44.0	45.2	46.3	47.1	47.6
-70°	29.9	31.3	32.4	33.5	34.6	35.7	36.7	37.6	38.4	39.0	39.6
-72.5°	24.4	25.5	26.5	27.4	28.3	29.1	30.0	30.7	31.4	31.9	32.3
-75°	19.2	20.0	20.9	21.6	22.3	23.0	23.7	24.3	24.9	25.2	25.5
-77.5°	14.4	15.1	15.7	16.2	16.7	17.2	17.7	18.1	18.4	18.7	18.9
-80°	10.3	10.8	11.2	11.5	11.9	12.1	12.4	12.6	12.7	13.0	13.3
-82.5°	6.6	7.0	7.3	7.6	7.8	8.1	8.3	8.4	8.6	8.7	8.8
-85°	3.6	3.8	3.9	4.1	4.3	4.4	4.5	4.6	4.7	4.7	4.8
-87.5°	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.7
-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):

	-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°	1.8	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.6	1.4	1.4
85°	4.8	4.9	5.1	5.3	5.1	4.9	4.8	4.8	4.7	4.7	4.6
82.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.8	8.7	8.6	8.4
80°	13.6	13.8	13.7	13.6	13.7	13.8	13.6	13.3	13.0	12.7	12.6
77.5°	19.0	19.1	19.0	18.9	19.0	19.1	19.0	18.9	18.7	18.4	18.1
75°	25.7	25.8	26.0	26.0	26.0	25.8	25.7	25.5	25.2	24.9	24.3
72.5°	32.7	32.9	32.9	32.8	32.9	32.9	32.7	32.3	31.9	31.4	30.7
70°	40.0	40.3	40.4	40.5	40.4	40.3	40.0	39.6	39.0	38.4	37.6
67.5°	48.0	48.2	48.4	48.5	48.4	48.2	48.0	47.6	47.1	46.3	45.2
65°	57.2	57.7	57.9	57.8	57.9	57.7	57.2	56.5	55.6	54.5	53.2
62.5°	65.0	66.0	66.4	66.5	66.4	66.0	65.0	64.0	62.8	61.7	60.5
60°	66.4	66.7	66.8	66.8	66.8	66.7	66.4	66.0	65.5	65.1	64.7
57.5°	62.7	62.4	62.2	62.1	62.2	62.4	62.7	63.1	63.6	64.1	64.7
55°	60.8	60.5	60.3	60.3	60.3	60.5	60.8	61.1	61.5	61.9	62.4
52.5°	62.1	62.1	62.2	62.4	62.2	62.1	62.1	62.1	62.0	61.9	61.7
50°	65.9	66.2	66.5	66.8	66.5	66.2	65.9	65.5	65.1	64.5	63.8
47.5°	73.4	73.8	74.0	74.2	74.0	73.8	73.4	72.5	71.4	70.0	68.2
45°	89.7	90.8	91.3	91.5	91.3	90.8	89.7	87.7	84.7	80.8	76.5
42.5°	113.8	115.4	116.1	116.2	116.1	115.4	113.8	110.9	106.4	100.3	93.7
40°	149.6	152.5	153.9	154.9	153.9	152.5	149.6	144.6	137.5	128.2	119.3
37.5°	212.3	219.5	223.6	227.2	223.6	219.5	212.3	201.2	186.4	167.4	154.9
35°	315.3	331.9	341.6	343.7	341.6	331.9	315.3	292.7	265.0	235.6	210.4
32.5°	483.6	516.0	535.4	537.8	535.4	516.0	483.6	440.5	384.6	332.5	290.9
30°	831.9	922.7	985.0	976.4	985.0	922.7	831.9	727.0	592.0	491.3	406.7
27.5°	1452.0	1616.7	1723.7	1714.8	1723.7	1616.7	1452.0	1245.8	994.1	804.1	586.1
25°	2114.8	2266.4	2355.9	2389.0	2355.9	2266.4	2114.8	1907.6	1638.2	1301.1	948.5
22.5°	2656.1	2791.6	2869.0	2915.3	2869.0	2791.6	2656.1	2475.8	2214.0	1874.0	1480.9
20°	3070.8	3188.3	3254.9	3283.5	3254.9	3188.3	3070.8	2912.9	2681.6	2388.8	1987.3
17.5°	3389.8	3488.2	3563.6	3583.0	3563.6	3488.2	3389.8	3244.9	3039.8	2782.6	2433.2
15°	3672.0	3799.1	3888.0	3921.1	3888.0	3799.1	3672.0	3501.5	3317.0	3077.7	2775.4
12.5°	4027.8	4248.8	4366.3	4393.4	4366.3	4248.8	4027.8	3788.8	3541.7	3317.3	3026.2
10°	4553.7	4893.5	4931.9	4879.3	4931.9	4893.5	4553.7	4174.5	3803.9	3511.6	3219.7
7.5°	5319.8	5772.8	5674.8	5511.7	5674.8	5772.8	5319.8	4605.7	4071.3	3680.9	3359.1
5°	5867.9	6496.8	6516.4	6396.6	6516.4	6496.8	5867.9	5073.3	4356.0	3833.8	3470.3
2.5°	6086.2	6733.6	7055.8	7108.6	7055.8	6733.6	6086.2	5264.8	4515.4	3924.1	3543.1
0°	6102.5	6809.9	7191.9	7286.8	7191.9	6809.9	6102.5	5300.0	4542.1	3949.9	3570.3
-2.5°	6086.2	6733.6	7055.8	7108.6	7055.8	6733.6	6086.2	5264.8	4515.4	3924.1	3543.1
-5°	5867.9	6496.8	6516.4	6396.6	6516.4	6496.8	5867.9	5073.3	4356.0	3833.8	3470.3
-7.5°	5319.8	5772.8	5674.8	5511.7	5674.8	5772.8	5319.8	4605.7	4071.3	3680.9	3359.1
-10°	4553.7	4893.5	4931.9	4879.3	4931.9	4893.5	4553.7	4174.5	3803.9	3511.6	3219.7
-12.5°	4027.8	4248.8	4366.3	4393.4	4366.3	4248.8	4027.8	3788.8	3541.7	3317.3	3026.2
-15°	3672.0	3799.1	3888.0	3921.1	3888.0	3799.1	3672.0	3501.5	3317.0	3077.7	2775.4
-17.5°	3389.8	3488.2	3563.6	3583.0	3563.6	3488.2	3389.8	3244.9	3039.8	2782.6	2433.2
-20°	3070.8	3188.3	3254.9	3283.5	3254.9	3188.3	3070.8	2912.9	2681.6	2388.8	1987.3



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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°	2656.1	2791.6	2869.0	2915.3	2869.0	2791.6	2656.1	2475.8	2214.0	1874.0	1480.9
-25°	2114.8	2266.4	2355.9	2389.0	2355.9	2266.4	2114.8	1907.6	1638.2	1301.1	948.5
-27.5°	1452.0	1616.7	1723.7	1714.8	1723.7	1616.7	1452.0	1245.8	994.1	804.1	586.1
-30°	831.9	922.7	985.0	976.4	985.0	922.7	831.9	727.0	592.0	491.3	406.7
-32.5°	483.6	516.0	535.4	537.8	535.4	516.0	483.6	440.5	384.6	332.5	290.9
-35°	315.3	331.9	341.6	343.7	341.6	331.9	315.3	292.7	265.0	235.6	210.4
-37.5°	212.3	219.5	223.6	227.2	223.6	219.5	212.3	201.2	186.4	167.4	154.9
-40°	149.6	152.5	153.9	154.9	153.9	152.5	149.6	144.6	137.5	128.2	119.3
-42.5°	113.8	115.4	116.1	116.2	116.1	115.4	113.8	110.9	106.4	100.3	93.7
-45°	89.7	90.8	91.3	91.5	91.3	90.8	89.7	87.7	84.7	80.8	76.5
-47.5°	73.4	73.8	74.0	74.2	74.0	73.8	73.4	72.5	71.4	70.0	68.2
-50°	65.9	66.2	66.5	66.8	66.5	66.2	65.9	65.5	65.1	64.5	63.8
-52.5°	62.1	62.1	62.2	62.4	62.2	62.1	62.1	62.1	62.0	61.9	61.7
-55°	60.8	60.5	60.3	60.3	60.3	60.5	60.8	61.1	61.5	61.9	62.4
-57.5°	62.7	62.4	62.2	62.1	62.2	62.4	62.7	63.1	63.6	64.1	64.7
-60°	66.4	66.7	66.8	66.8	66.8	66.7	66.4	66.0	65.5	65.1	64.7
-62.5°	65.0	66.0	66.4	66.5	66.4	66.0	65.0	64.0	62.8	61.7	60.5
-65°	57.2	57.7	57.9	57.8	57.9	57.7	57.2	56.5	55.6	54.5	53.2
-67.5°	48.0	48.2	48.4	48.5	48.4	48.2	48.0	47.6	47.1	46.3	45.2
-70°	40.0	40.3	40.4	40.5	40.4	40.3	40.0	39.6	39.0	38.4	37.6
-72.5°	32.7	32.9	32.9	32.8	32.9	32.9	32.7	32.3	31.9	31.4	30.7
-75°	25.7	25.8	26.0	26.0	26.0	25.8	25.7	25.5	25.2	24.9	24.3
-77.5°	19.0	19.1	19.0	18.9	19.0	19.1	19.0	18.9	18.7	18.4	18.1
-80°	13.6	13.8	13.7	13.6	13.7	13.8	13.6	13.3	13.0	12.7	12.6
-82.5°	8.9	9.0	9.0	9.0	9.0	9.0	8.9	8.8	8.7	8.6	8.4
-85°	4.8	4.9	5.1	5.3	5.1	4.9	4.8	4.8	4.7	4.7	4.6
-87.5°	1.8	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.6	1.4	1.4
-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°	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.5	1.5	1.4	1.3
85°	4.5	4.4	4.3	4.1	3.9	3.8	3.6	3.5	3.3	3.2	3.0
82.5°	8.3	8.1	7.8	7.6	7.3	7.0	6.6	6.3	5.9	5.5	5.1
80°	12.4	12.1	11.9	11.5	11.2	10.8	10.3	9.8	9.3	8.7	8.2
77.5°	17.7	17.2	16.7	16.2	15.7	15.1	14.4	13.8	13.1	12.5	11.7
75°	23.7	23.0	22.3	21.6	20.9	20.0	19.2	18.4	17.5	16.5	15.5
72.5°	30.0	29.1	28.3	27.4	26.5	25.5	24.4	23.2	22.0	20.8	19.5
70°	36.7	35.7	34.6	33.5	32.4	31.3	29.9	28.3	26.6	25.1	23.6
67.5°	44.0	42.8	41.4	40.0	38.6	37.2	35.5	33.8	31.9	29.9	28.0
65°	51.7	50.1	48.6	47.1	45.3	43.4	41.3	39.3	37.2	35.0	32.7
62.5°	59.1	57.6	56.2	54.4	52.4	50.3	47.9	45.4	42.9	40.2	37.6
60°	64.2	63.7	62.4	60.9	59.2	57.3	54.6	51.8	48.9	45.8	42.7
57.5°	65.2	65.4	65.1	64.8	64.4	62.8	60.5	58.1	55.1	51.6	48.0
55°	63.0	63.7	64.5	65.4	65.9	65.2	64.6	63.1	60.4	57.4	53.5
52.5°	61.5	62.2	62.9	63.5	64.3	65.1	65.7	65.0	64.4	61.9	58.7
50°	63.2	62.9	62.5	62.5	63.0	63.4	64.1	64.9	65.3	64.6	62.8
47.5°	67.0	65.9	64.5	63.8	63.0	62.4	62.9	63.5	64.7	65.6	64.8
45°	74.2	71.4	68.5	66.8	64.9	63.7	62.5	62.7	63.5	64.7	65.8
42.5°	88.1	81.4	76.3	72.2	68.5	66.3	64.3	63.1	62.8	63.7	64.7
40°	109.9	98.9	90.5	81.1	75.1	70.1	67.2	64.7	63.4	63.0	63.6
37.5°	140.1	125.0	111.3	97.0	86.2	76.9	71.4	67.6	64.8	63.3	62.9
35°	181.9	159.7	138.7	120.0	102.0	88.8	77.6	71.5	67.4	64.4	62.7
32.5°	244.5	210.2	174.0	149.2	124.7	104.1	89.0	77.2	70.2	66.3	63.7
30°	335.5	279.3	229.4	184.5	152.6	124.9	102.2	86.1	74.9	68.4	64.8
27.5°	466.5	366.7	299.8	236.1	184.5	149.7	120.6	96.5	80.4	71.7	66.6
25°	699.7	504.6	384.1	300.3	230.9	175.8	140.3	111.3	89.3	75.3	68.2
22.5°	1042.6	739.7	506.4	370.7	284.4	214.9	163.0	126.8	97.7	80.5	71.0
20°	1537.5	1051.2	709.6	478.6	346.6	253.2	188.1	144.2	110.8	87.5	73.7
17.5°	1988.6	1487.3	960.9	606.4	424.2	305.7	220.7	161.0	122.1	93.7	76.1
15°	2378.8	1864.9	1302.4	818.5	507.7	354.1	251.1	176.0	132.7	101.2	80.8
12.5°	2655.9	2176.5	1616.4	1001.7	605.2	408.4	287.1	200.1	144.2	108.6	85.0
10°	2886.9	2421.4	1874.2	1245.8	744.9	466.8	319.1	220.3	154.0	114.2	88.3
7.5°	3026.6	2602.5	2072.1	1451.7	859.5	515.8	345.5	235.5	161.8	118.3	90.8
5°	3133.2	2731.8	2216.0	1607.2	953.7	552.8	366.5	245.6	167.5	120.7	92.4
2.5°	3212.3	2805.9	2306.8	1701.2	1012.7	577.0	380.5	252.8	170.4	122.9	93.8
0°	3224.1	2830.0	2312.3	1718.2	997.7	588.2	386.1	257.2	170.3	123.9	94.3
-2.5°	3212.3	2805.9	2306.8	1701.2	1012.7	577.0	380.5	252.8	170.4	122.9	93.8
-5°	3133.2	2731.8	2216.0	1607.2	953.7	552.8	366.5	245.6	167.5	120.7	92.4
-7.5°	3026.6	2602.5	2072.1	1451.7	859.5	515.8	345.5	235.5	161.8	118.3	90.8
-10°	2886.9	2421.4	1874.2	1245.8	744.9	466.8	319.1	220.3	154.0	114.2	88.3
-12.5°	2655.9	2176.5	1616.4	1001.7	605.2	408.4	287.1	200.1	144.2	108.6	85.0
-15°	2378.8	1864.9	1302.4	818.5	507.7	354.1	251.1	176.0	132.7	101.2	80.8
-17.5°	1988.6	1487.3	960.9	606.4	424.2	305.7	220.7	161.0	122.1	93.7	76.1
-20°	1537.5	1051.2	709.6	478.6	346.6	253.2	188.1	144.2	110.8	87.5	73.7



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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°	1042.6	739.7	506.4	370.7	284.4	214.9	163.0	126.8	97.7	80.5	71.0
-25°	699.7	504.6	384.1	300.3	230.9	175.8	140.3	111.3	89.3	75.3	68.2
-27.5°	466.5	366.7	299.8	236.1	184.5	149.7	120.6	96.5	80.4	71.7	66.6
-30°	335.5	279.3	229.4	184.5	152.6	124.9	102.2	86.1	74.9	68.4	64.8
-32.5°	244.5	210.2	174.0	149.2	124.7	104.1	89.0	77.2	70.2	66.3	63.7
-35°	181.9	159.7	138.7	120.0	102.0	88.8	77.6	71.5	67.4	64.4	62.7
-37.5°	140.1	125.0	111.3	97.0	86.2	76.9	71.4	67.6	64.8	63.3	62.9
-40°	109.9	98.9	90.5	81.1	75.1	70.1	67.2	64.7	63.4	63.0	63.6
-42.5°	88.1	81.4	76.3	72.2	68.5	66.3	64.3	63.1	62.8	63.7	64.7
-45°	74.2	71.4	68.5	66.8	64.9	63.7	62.5	62.7	63.5	64.7	65.8
-47.5°	67.0	65.9	64.5	63.8	63.0	62.4	62.9	63.5	64.7	65.6	64.8
-50°	63.2	62.9	62.5	62.5	63.0	63.4	64.1	64.9	65.3	64.6	62.8
-52.5°	61.5	62.2	62.9	63.5	64.3	65.1	65.7	65.0	64.4	61.9	58.7
-55°	63.0	63.7	64.5	65.4	65.9	65.2	64.6	63.1	60.4	57.4	53.5
-57.5°	65.2	65.4	65.1	64.8	64.4	62.8	60.5	58.1	55.1	51.6	48.0
-60°	64.2	63.7	62.4	60.9	59.2	57.3	54.6	51.8	48.9	45.8	42.7
-62.5°	59.1	57.6	56.2	54.4	52.4	50.3	47.9	45.4	42.9	40.2	37.6
-65°	51.7	50.1	48.6	47.1	45.3	43.4	41.3	39.3	37.2	35.0	32.7
-67.5°	44.0	42.8	41.4	40.0	38.6	37.2	35.5	33.8	31.9	29.9	28.0
-70°	36.7	35.7	34.6	33.5	32.4	31.3	29.9	28.3	26.6	25.1	23.6
-72.5°	30.0	29.1	28.3	27.4	26.5	25.5	24.4	23.2	22.0	20.8	19.5
-75°	23.7	23.0	22.3	21.6	20.9	20.0	19.2	18.4	17.5	16.5	15.5
-77.5°	17.7	17.2	16.7	16.2	15.7	15.1	14.4	13.8	13.1	12.5	11.7
-80°	12.4	12.1	11.9	11.5	11.2	10.8	10.3	9.8	9.3	8.7	8.2
-82.5°	8.3	8.1	7.8	7.6	7.3	7.0	6.6	6.3	5.9	5.5	5.1
-85°	4.5	4.4	4.3	4.1	3.9	3.8	3.6	3.5	3.3	3.2	3.0
-87.5°	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.5	1.5	1.4	1.3
-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):

	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°	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6
85°	2.9	2.7	2.5	2.3	2.1	1.9	1.8	1.6	1.5	1.3	1.1
82.5°	4.8	4.5	4.3	4.1	3.7	3.4	3.0	2.7	2.4	2.0	1.7
80°	7.7	7.2	6.6	6.1	5.5	4.9	4.4	4.0	3.5	3.1	2.6
77.5°	10.9	10.0	9.1	8.4	7.6	6.8	6.0	5.3	4.7	4.1	3.5
75°	14.3	13.2	12.1	11.0	9.8	8.7	7.8	6.9	6.0	5.2	4.5
72.5°	18.1	16.7	15.2	13.7	12.3	11.0	9.6	8.4	7.4	6.4	5.5
70°	22.0	20.4	18.7	16.9	15.0	13.2	11.7	10.2	8.7	7.6	6.5
67.5°	26.0	24.1	22.2	20.1	18.0	15.9	13.8	12.0	10.4	8.7	7.5
65°	30.4	28.1	25.8	23.5	21.1	18.6	16.3	14.0	12.0	10.2	8.4
62.5°	34.9	32.2	29.6	26.9	24.2	21.5	18.8	16.3	13.7	11.6	9.6
60°	39.5	36.5	33.4	30.3	27.3	24.4	21.4	18.5	15.7	13.0	10.8
57.5°	44.4	40.9	37.4	33.8	30.4	27.2	24.0	20.8	17.7	14.7	12.0
55°	49.4	45.4	41.4	37.5	33.6	30.0	26.5	23.0	19.6	16.4	13.2
52.5°	54.7	50.0	45.5	41.2	37.0	32.8	29.0	25.1	21.5	18.1	14.6
50°	59.2	54.7	49.7	44.9	40.3	35.8	31.5	27.4	23.4	19.7	16.0
47.5°	62.9	58.7	53.9	48.5	43.6	38.8	34.1	29.6	25.1	21.2	17.3
45°	64.5	62.1	57.5	52.2	46.8	41.8	36.8	31.8	27.1	22.7	18.6
42.5°	65.4	63.9	60.7	55.7	50.1	44.6	39.3	34.1	29.0	24.1	19.8
40°	64.6	64.8	63.1	58.6	53.4	47.4	41.8	36.3	30.8	25.5	21.0
37.5°	63.5	64.6	63.9	61.5	56.4	50.2	44.2	38.4	32.6	27.1	22.2
35°	62.9	63.7	64.8	63.1	58.8	53.0	46.5	40.4	34.4	28.6	23.2
32.5°	62.3	62.9	64.2	63.9	61.2	55.6	48.7	42.3	36.0	29.9	24.3
30°	62.8	62.5	63.4	64.6	62.9	57.7	51.0	44.1	37.6	31.2	25.3
27.5°	63.5	62.0	62.8	64.3	63.4	59.5	53.0	45.7	39.0	32.4	26.3
25°	64.4	62.3	62.4	63.6	63.9	61.2	54.9	47.3	40.4	33.6	27.2
22.5°	65.7	62.8	61.9	63.1	64.4	62.7	56.4	48.8	41.6	34.6	28.1
20°	66.9	63.2	61.5	62.6	64.3	63.1	57.6	50.2	42.7	35.6	28.9
17.5°	68.1	63.9	61.8	62.2	63.9	63.4	58.8	51.3	43.7	36.5	29.5
15°	70.1	64.7	62.1	61.9	63.5	63.7	59.8	52.4	44.6	37.2	30.1
12.5°	71.8	65.5	62.3	61.7	63.1	64.0	60.6	53.2	45.3	37.8	30.6
10°	73.2	66.0	62.5	61.5	62.7	64.2	61.4	54.0	45.9	38.3	31.1
7.5°	74.3	66.5	62.5	61.3	62.4	64.4	62.0	54.8	46.5	38.6	31.4
5°	75.0	66.9	62.8	61.3	62.2	64.5	62.6	55.5	46.9	38.8	31.6
2.5°	75.7	67.5	63.1	61.2	62.1	64.6	62.9	56.0	47.2	38.9	31.8
0°	76.0	68.0	63.4	61.2	62.1	64.6	63.1	56.3	47.3	38.9	31.8
-2.5°	75.7	67.5	63.1	61.2	62.1	64.6	62.9	56.0	47.2	38.9	31.8
-5°	75.0	66.9	62.8	61.3	62.2	64.5	62.6	55.5	46.9	38.8	31.6
-7.5°	74.3	66.5	62.5	61.3	62.4	64.4	62.0	54.8	46.5	38.6	31.4
-10°	73.2	66.0	62.5	61.5	62.7	64.2	61.4	54.0	45.9	38.3	31.1
-12.5°	71.8	65.5	62.3	61.7	63.1	64.0	60.6	53.2	45.3	37.8	30.6
-15°	70.1	64.7	62.1	61.9	63.5	63.7	59.8	52.4	44.6	37.2	30.1
-17.5°	68.1	63.9	61.8	62.2	63.9	63.4	58.8	51.3	43.7	36.5	29.5
-20°	66.9	63.2	61.5	62.6	64.3	63.1	57.6	50.2	42.7	35.6	28.9



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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°	65.7	62.8	61.9	63.1	64.4	62.7	56.4	48.8	41.6	34.6	28.1
-25°	64.4	62.3	62.4	63.6	63.9	61.2	54.9	47.3	40.4	33.6	27.2
-27.5°	63.5	62.0	62.8	64.3	63.4	59.5	53.0	45.7	39.0	32.4	26.3
-30°	62.8	62.5	63.4	64.6	62.9	57.7	51.0	44.1	37.6	31.2	25.3
-32.5°	62.3	62.9	64.2	63.9	61.2	55.6	48.7	42.3	36.0	29.9	24.3
-35°	62.9	63.7	64.8	63.1	58.8	53.0	46.5	40.4	34.4	28.6	23.2
-37.5°	63.5	64.6	63.9	61.5	56.4	50.2	44.2	38.4	32.6	27.1	22.2
-40°	64.6	64.8	63.1	58.6	53.4	47.4	41.8	36.3	30.8	25.5	21.0
-42.5°	65.4	63.9	60.7	55.7	50.1	44.6	39.3	34.1	29.0	24.1	19.8
-45°	64.5	62.1	57.5	52.2	46.8	41.8	36.8	31.8	27.1	22.7	18.6
-47.5°	62.9	58.7	53.9	48.5	43.6	38.8	34.1	29.6	25.1	21.2	17.3
-50°	59.2	54.7	49.7	44.9	40.3	35.8	31.5	27.4	23.4	19.7	16.0
-52.5°	54.7	50.0	45.5	41.2	37.0	32.8	29.0	25.1	21.5	18.1	14.6
-55°	49.4	45.4	41.4	37.5	33.6	30.0	26.5	23.0	19.6	16.4	13.2
-57.5°	44.4	40.9	37.4	33.8	30.4	27.2	24.0	20.8	17.7	14.7	12.0
-60°	39.5	36.5	33.4	30.3	27.3	24.4	21.4	18.5	15.7	13.0	10.8
-62.5°	34.9	32.2	29.6	26.9	24.2	21.5	18.8	16.3	13.7	11.6	9.6
-65°	30.4	28.1	25.8	23.5	21.1	18.6	16.3	14.0	12.0	10.2	8.4
-67.5°	26.0	24.1	22.2	20.1	18.0	15.9	13.8	12.0	10.4	8.7	7.5
-70°	22.0	20.4	18.7	16.9	15.0	13.2	11.7	10.2	8.7	7.6	6.5
-72.5°	18.1	16.7	15.2	13.7	12.3	11.0	9.6	8.4	7.4	6.4	5.5
-75°	14.3	13.2	12.1	11.0	9.8	8.7	7.8	6.9	6.0	5.2	4.5
-77.5°	10.9	10.0	9.1	8.4	7.6	6.8	6.0	5.3	4.7	4.1	3.5
-80°	7.7	7.2	6.6	6.1	5.5	4.9	4.4	4.0	3.5	3.1	2.6
-82.5°	4.8	4.5	4.3	4.1	3.7	3.4	3.0	2.7	2.4	2.0	1.7
-85°	2.9	2.7	2.5	2.3	2.1	1.9	1.8	1.6	1.5	1.3	1.1
-87.5°	1.3	1.2	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.6	0.6
-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°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
80°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
77.5°	2.9	2.1	1.6	1.2	0.8	0.4	0.0
75°	3.7	2.8	2.0	1.5	1.0	0.5	0.0
72.5°	4.5	3.5	2.5	1.7	1.1	0.6	0.0
70°	5.4	4.2	3.0	2.0	1.3	0.6	0.0
67.5°	6.2	4.8	3.6	2.3	1.5	0.7	0.0
65°	7.0	5.5	4.1	2.7	1.6	0.8	0.0
62.5°	7.9	6.2	4.5	3.1	1.8	0.9	0.0
60°	8.7	6.9	5.0	3.4	1.9	0.9	0.0
57.5°	9.7	7.6	5.6	3.8	2.1	1.0	0.0
55°	10.7	8.3	6.1	4.1	2.3	1.1	0.0
52.5°	11.7	9.0	6.7	4.4	2.6	1.2	0.0
50°	12.6	9.8	7.2	4.7	2.8	1.2	0.0
47.5°	13.6	10.5	7.7	5.0	3.0	1.3	0.0
45°	14.7	11.3	8.2	5.4	3.2	1.3	0.0
42.5°	15.7	12.0	8.7	5.8	3.4	1.4	0.0
40°	16.7	12.7	9.2	6.1	3.6	1.5	0.0
37.5°	17.6	13.3	9.7	6.5	3.7	1.5	0.0
35°	18.4	14.0	10.2	6.8	3.9	1.6	0.0
32.5°	19.3	14.7	10.7	7.1	4.1	1.6	0.0
30°	20.1	15.3	11.1	7.3	4.2	1.6	0.0
27.5°	20.8	15.9	11.5	7.6	4.4	1.7	0.0
25°	21.5	16.4	11.8	7.8	4.5	1.7	0.0
22.5°	22.2	16.8	12.1	8.0	4.7	1.8	0.0
20°	22.7	17.2	12.4	8.2	4.8	1.8	0.0
17.5°	23.3	17.6	12.6	8.3	4.9	1.8	0.0
15°	23.7	17.9	12.8	8.4	5.0	1.8	0.0
12.5°	24.1	18.1	13.0	8.5	5.1	1.9	0.0
10°	24.4	18.3	13.1	8.6	5.1	1.9	0.0
7.5°	24.7	18.4	13.2	8.7	5.2	1.9	0.0
5°	24.9	18.5	13.3	8.7	5.2	1.9	0.0
2.5°	25.0	18.5	13.3	8.7	5.3	1.9	0.0
0°	25.0	18.5	13.3	8.7	5.3	1.9	0.0
-2.5°	25.0	18.5	13.3	8.7	5.3	1.9	0.0
-5°	24.9	18.5	13.3	8.7	5.2	1.9	0.0
-7.5°	24.7	18.4	13.2	8.7	5.2	1.9	0.0
-10°	24.4	18.3	13.1	8.6	5.1	1.9	0.0
-12.5°	24.1	18.1	13.0	8.5	5.1	1.9	0.0
-15°	23.7	17.9	12.8	8.4	5.0	1.8	0.0
-17.5°	23.3	17.6	12.6	8.3	4.9	1.8	0.0
-20°	22.7	17.2	12.4	8.2	4.8	1.8	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	22.2	16.8	12.1	8.0	4.7	1.8	0.0
-25°	21.5	16.4	11.8	7.8	4.5	1.7	0.0
-27.5°	20.8	15.9	11.5	7.6	4.4	1.7	0.0
-30°	20.1	15.3	11.1	7.3	4.2	1.6	0.0
-32.5°	19.3	14.7	10.7	7.1	4.1	1.6	0.0
-35°	18.4	14.0	10.2	6.8	3.9	1.6	0.0
-37.5°	17.6	13.3	9.7	6.5	3.7	1.5	0.0
-40°	16.7	12.7	9.2	6.1	3.6	1.5	0.0
-42.5°	15.7	12.0	8.7	5.8	3.4	1.4	0.0
-45°	14.7	11.3	8.2	5.4	3.2	1.3	0.0
-47.5°	13.6	10.5	7.7	5.0	3.0	1.3	0.0
-50°	12.6	9.8	7.2	4.7	2.8	1.2	0.0
-52.5°	11.7	9.0	6.7	4.4	2.6	1.2	0.0
-55°	10.7	8.3	6.1	4.1	2.3	1.1	0.0
-57.5°	9.7	7.6	5.6	3.8	2.1	1.0	0.0
-60°	8.7	6.9	5.0	3.4	1.9	0.9	0.0
-62.5°	7.9	6.2	4.5	3.1	1.8	0.9	0.0
-65°	7.0	5.5	4.1	2.7	1.6	0.8	0.0
-67.5°	6.2	4.8	3.6	2.3	1.5	0.7	0.0
-70°	5.4	4.2	3.0	2.0	1.3	0.6	0.0
-72.5°	4.5	3.5	2.5	1.7	1.1	0.6	0.0
-75°	3.7	2.8	2.0	1.5	1.0	0.5	0.0
-77.5°	2.9	2.1	1.6	1.2	0.8	0.4	0.0
-80°	2.0	1.6	1.3	1.0	0.7	0.3	0.0
-82.5°	1.5	1.2	1.0	0.7	0.5	0.2	0.0
-85°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.2	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)