

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: P558511 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1B-935-U-NR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558511 (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-SA1B-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

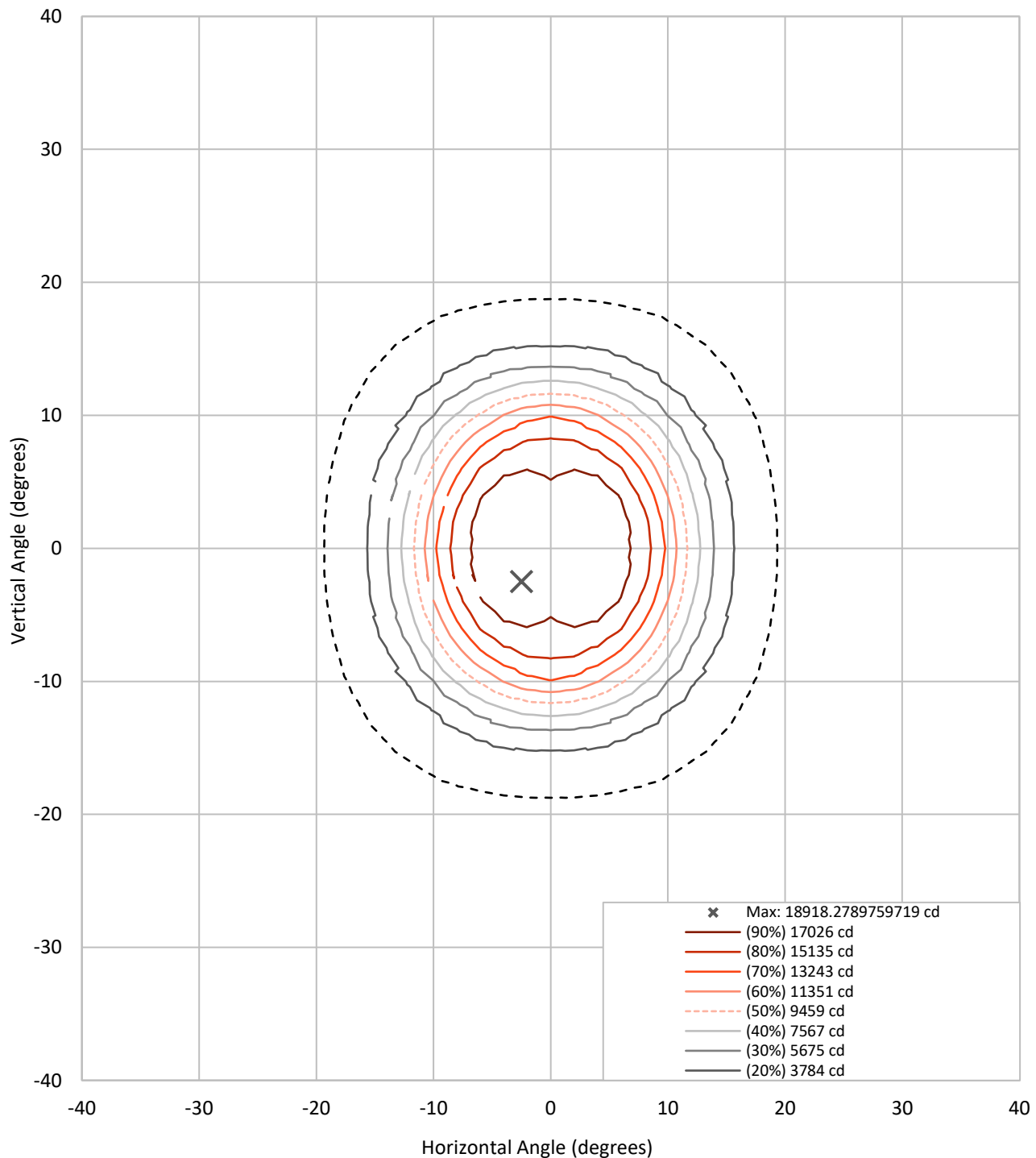
Lumens per Lamp:	N/A	NEMA Type:	3H x 3V
Luminaire Lumens:	3577.4 lumens	Max Intensity:	18918.3 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	108.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	22.9°H x 22.9°V	Field Angle (10%):	38.6°H x 37.5°V
Beam Lumens:	1931.3 lumens	Field Lumens:	2912.6 lumens
Beam Efficiency:	54.0%	Field Efficiency:	81.4%

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



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Iso-Candela Plot





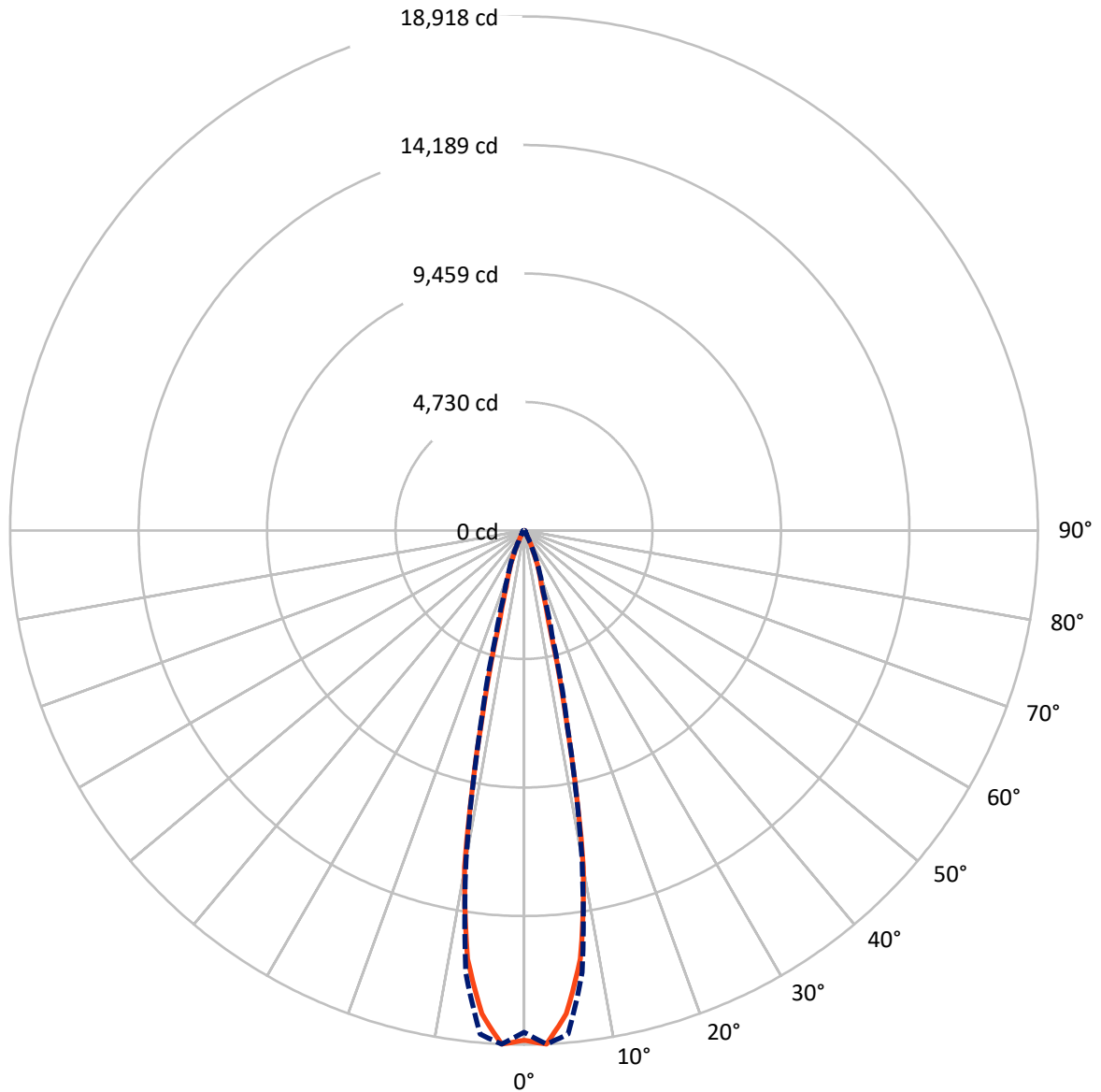
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Lumen Table

90	0.0	0.4	1.0	1.5	1.8	1.5	1.0	0.4	0.0										
80	0.0	0.4	1.0	1.5	1.8	1.5	1.0	0.4	0.0										
70	0.2	0.2	0.4	0.6	0.9	1.1	1.2	1.3	1.3	1.2	1.1	0.9	0.6	0.4	0.2	0.2			
60		0.3	0.6	0.9	1.2	1.4	1.6	1.6	1.6	1.6	1.4	1.2	0.9	0.6	0.3				
50	0.3	0.4	0.7	1.1	1.4	1.7	1.9	2.1	2.1	1.9	1.7	1.4	1.1	0.7	0.4	0.3			
40		0.4	0.8	1.2	1.6	2.2	2.9	3.5	3.5	2.9	2.2	1.6	1.2	0.8	0.4				
30	0.4	0.5	0.9	1.3	2.0	3.7	11.0	21.4	21.4	11.0	3.7	2.0	1.3	0.9	0.5	0.4			
20		0.5	0.9	1.4	2.5	10.9	50.1	128.8	128.8	50.1	10.9	2.5	1.4	0.9	0.5				
10	0.4	0.6	1.0	1.5	3.0	21.1	130.4	460.8	460.8	130.4	21.1	3.0	1.5	1.0	0.6	0.4			
0		0.6	1.0	1.5	3.0	21.1	130.4	460.8	460.8	130.4	21.1	3.0	1.5	1.0	0.6				
-10	0.4	0.5	0.9	1.4	2.5	10.9	50.1	128.8	128.8	50.1	10.9	2.5	1.4	0.9	0.5	0.4			
-20		0.5	0.9	1.3	2.0	3.7	11.0	21.4	21.4	11.0	3.7	2.0	1.3	0.9	0.5				
-30	0.3	0.4	0.8	1.2	1.6	2.2	2.9	3.5	3.5	2.9	2.2	1.6	1.2	0.8	0.4	0.3			
-40		0.4	0.7	1.1	1.4	1.7	1.9	2.1	2.1	1.9	1.7	1.4	1.1	0.7	0.4				
-50	0.2	0.3	0.6	0.9	1.2	1.4	1.6	1.6	1.6	1.6	1.4	1.2	0.9	0.6	0.3	0.2			
-60		0.2	0.4	0.6	0.9	1.1	1.2	1.3	1.3	1.2	1.1	0.9	0.6	0.4	0.2				
-70	0.0	0.4	1.0	1.5	1.8	1.5	1.0	0.4	0.0							0.0			
-80		0.4	1.0	1.5	1.8	1.5	1.0	0.4	0.0										
-90	0.0	0.4	1.0	1.5	1.8	1.5	1.0	0.4	0.0							0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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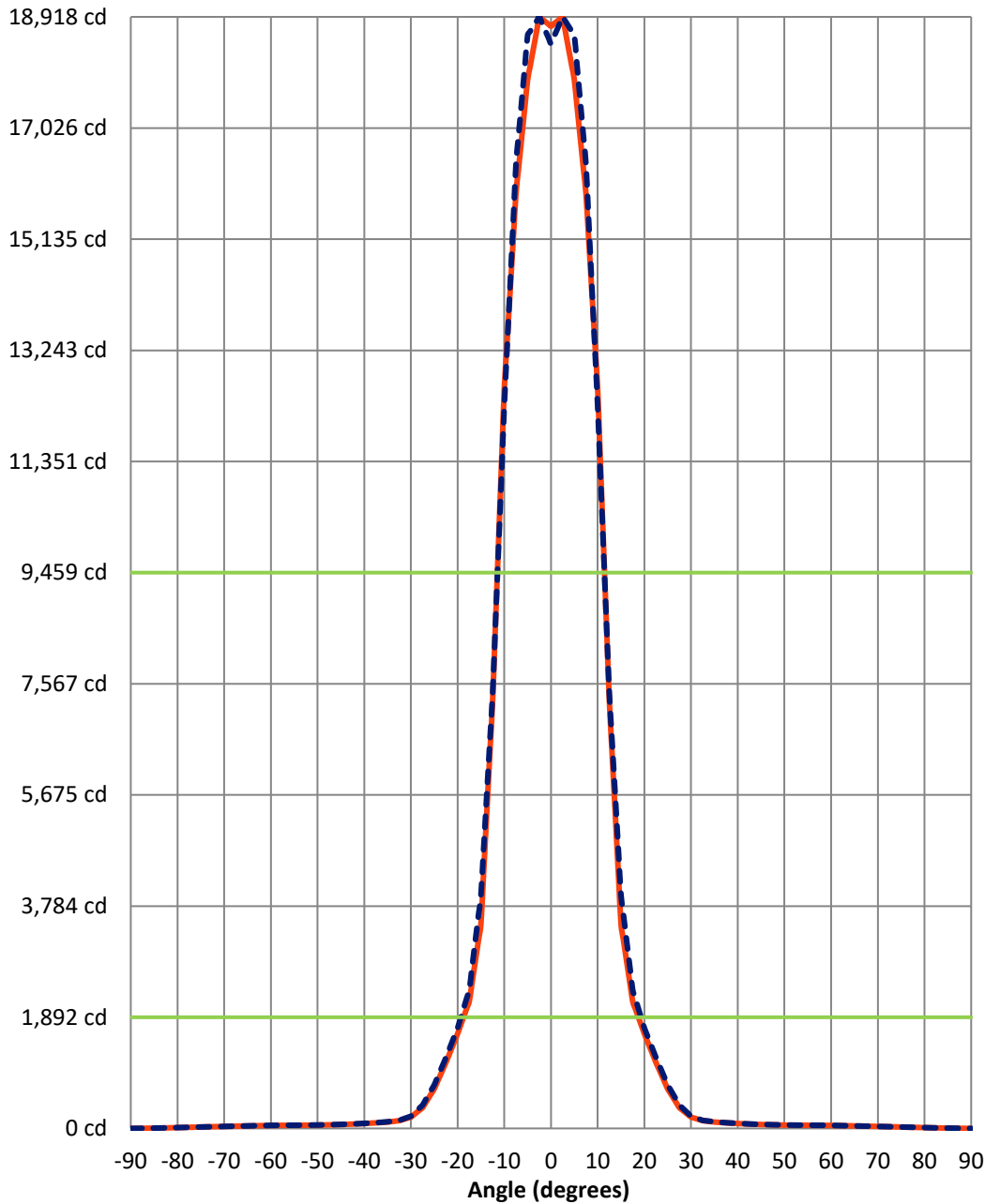
Luminous Intensity Polar Plot



— 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: 1931.3
Efficiency: 54.0%

Field:
H Angle: 38.6°
V Angle: 37.5°
Lumens: 2912.6
Efficiency: 81.4%

Spill:
Lumens: 664.9
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	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.5	2.9
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.6	3.2	3.7	4.3
77.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.9	3.5	4.2	5.0	5.7
75°	0.0	0.5	1.0	1.5	2.1	2.9	3.6	4.4	5.3	6.3	7.2
72.5°	0.0	0.6	1.2	1.8	2.6	3.5	4.4	5.4	6.6	7.7	8.7
70°	0.0	0.7	1.4	2.1	3.2	4.2	5.2	6.5	7.8	9.0	10.5
67.5°	0.0	0.8	1.5	2.5	3.7	4.8	6.1	7.6	9.0	10.7	12.4
65°	0.0	0.8	1.7	2.9	4.2	5.5	7.1	8.7	10.5	12.4	14.3
62.5°	0.0	0.9	1.8	3.3	4.7	6.3	8.0	9.9	12.0	14.1	16.2
60°	0.0	1.0	2.0	3.7	5.2	7.0	8.9	11.2	13.4	15.8	18.1
57.5°	0.0	1.1	2.3	4.0	5.8	7.7	9.9	12.4	14.9	17.4	20.0
55°	0.0	1.1	2.5	4.4	6.3	8.4	11.0	13.6	16.3	19.1	21.8
52.5°	0.0	1.2	2.7	4.8	6.9	9.1	11.9	14.8	17.7	20.7	23.6
50°	0.0	1.3	3.0	5.1	7.4	9.9	12.9	16.0	19.1	22.2	25.4
47.5°	0.0	1.4	3.2	5.5	7.9	10.7	13.8	17.2	20.5	23.8	27.1
45°	0.0	1.4	3.4	5.8	8.3	11.5	14.8	18.3	21.8	25.3	28.8
42.5°	0.0	1.5	3.6	6.1	8.8	12.2	15.8	19.4	23.0	26.7	30.3
40°	0.0	1.5	3.8	6.5	9.3	12.8	16.7	20.5	24.3	28.1	31.7
37.5°	0.0	1.6	4.0	6.8	9.8	13.5	17.6	21.5	25.4	29.4	33.0
35°	0.0	1.6	4.2	7.0	10.3	14.2	18.4	22.4	26.5	30.5	34.3
32.5°	0.0	1.7	4.3	7.3	10.7	14.8	19.2	23.3	27.6	31.6	35.5
30°	0.0	1.7	4.5	7.5	11.2	15.4	19.9	24.2	28.5	32.6	36.7
27.5°	0.0	1.8	4.6	7.8	11.6	16.0	20.6	25.0	29.4	33.5	37.7
25°	0.0	1.8	4.8	8.0	12.0	16.5	21.2	25.7	30.1	34.3	38.6
22.5°	0.0	1.8	4.9	8.2	12.3	17.0	21.7	26.3	30.8	35.1	39.4
20°	0.0	1.9	5.0	8.3	12.6	17.5	22.2	26.9	31.4	35.7	40.1
17.5°	0.0	1.9	5.1	8.5	12.9	17.9	22.7	27.4	32.0	36.3	40.7
15°	0.0	1.9	5.2	8.6	13.2	18.2	23.1	27.9	32.5	36.8	41.2
12.5°	0.0	2.0	5.2	8.7	13.5	18.5	23.4	28.2	32.9	37.1	41.7
10°	0.0	2.0	5.3	8.8	13.7	18.7	23.6	28.6	33.2	37.5	42.0
7.5°	0.0	2.0	5.3	8.9	13.8	18.9	23.8	28.8	33.5	37.9	42.3
5°	0.0	2.0	5.4	9.0	14.0	19.0	24.0	29.0	33.7	38.2	42.5
2.5°	0.0	2.0	5.4	9.0	14.0	19.1	24.1	29.1	33.8	38.4	42.5
0°	0.0	2.0	5.4	9.0	14.1	19.1	24.1	29.1	33.8	38.5	42.5
-2.5°	0.0	2.0	5.4	9.0	14.1	19.1	24.1	29.1	33.8	38.5	42.5
-5°	0.0	2.0	5.4	9.0	14.0	19.0	24.0	29.0	33.7	38.2	42.5
-7.5°	0.0	2.0	5.3	8.9	13.8	18.9	23.8	28.8	33.5	37.9	42.3
-10°	0.0	2.0	5.3	8.8	13.7	18.7	23.6	28.6	33.2	37.5	42.0
-12.5°	0.0	2.0	5.2	8.7	13.5	18.5	23.4	28.2	32.9	37.1	41.7
-15°	0.0	1.9	5.2	8.6	13.2	18.2	23.1	27.9	32.5	36.8	41.2
-17.5°	0.0	1.9	5.1	8.5	12.9	17.9	22.7	27.4	32.0	36.3	40.7
-20°	0.0	1.9	5.0	8.3	12.6	17.5	22.2	26.9	31.4	35.7	40.1



REPORT NUMBER: P558511 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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	1.8	4.9	8.2	12.3	17.0	21.7	26.3	30.8	35.1	39.4
-25°	0.0	1.8	4.8	8.0	12.0	16.5	21.2	25.7	30.1	34.3	38.6
-27.5°	0.0	1.8	4.6	7.8	11.6	16.0	20.6	25.0	29.4	33.5	37.7
-30°	0.0	1.7	4.5	7.5	11.2	15.4	19.9	24.2	28.5	32.6	36.7
-32.5°	0.0	1.7	4.3	7.3	10.7	14.8	19.2	23.3	27.6	31.6	35.5
-35°	0.0	1.6	4.2	7.0	10.3	14.2	18.4	22.4	26.5	30.5	34.3
-37.5°	0.0	1.6	4.0	6.8	9.8	13.5	17.6	21.5	25.4	29.4	33.0
-40°	0.0	1.5	3.8	6.5	9.3	12.8	16.7	20.5	24.3	28.1	31.7
-42.5°	0.0	1.5	3.6	6.1	8.8	12.2	15.8	19.4	23.0	26.7	30.3
-45°	0.0	1.4	3.4	5.8	8.3	11.5	14.8	18.3	21.8	25.3	28.8
-47.5°	0.0	1.4	3.2	5.5	7.9	10.7	13.8	17.2	20.5	23.8	27.1
-50°	0.0	1.3	3.0	5.1	7.4	9.9	12.9	16.0	19.1	22.2	25.4
-52.5°	0.0	1.2	2.7	4.8	6.9	9.1	11.9	14.8	17.7	20.7	23.6
-55°	0.0	1.1	2.5	4.4	6.3	8.4	11.0	13.6	16.3	19.1	21.8
-57.5°	0.0	1.1	2.3	4.0	5.8	7.7	9.9	12.4	14.9	17.4	20.0
-60°	0.0	1.0	2.0	3.7	5.2	7.0	8.9	11.2	13.4	15.8	18.1
-62.5°	0.0	0.9	1.8	3.3	4.7	6.3	8.0	9.9	12.0	14.1	16.2
-65°	0.0	0.8	1.7	2.9	4.2	5.5	7.1	8.7	10.5	12.4	14.3
-67.5°	0.0	0.8	1.5	2.5	3.7	4.8	6.1	7.6	9.0	10.7	12.4
-70°	0.0	0.7	1.4	2.1	3.2	4.2	5.2	6.5	7.8	9.0	10.5
-72.5°	0.0	0.6	1.2	1.8	2.6	3.5	4.4	5.4	6.6	7.7	8.7
-75°	0.0	0.5	1.0	1.5	2.1	2.9	3.6	4.4	5.3	6.3	7.2
-77.5°	0.0	0.4	0.9	1.3	1.7	2.2	2.9	3.5	4.2	5.0	5.7
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.6	3.2	3.7	4.3
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.5	2.9
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	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):

	-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	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.7
82.5°	3.3	3.6	3.9	4.2	4.4	4.6	4.9	5.2	5.6	6.0	6.4
80°	4.8	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.1	9.6
77.5°	6.4	7.1	7.7	8.4	9.1	9.9	10.7	11.5	12.1	12.8	13.5
75°	8.1	8.9	9.9	11.0	11.9	12.9	13.8	14.8	15.7	16.6	17.4
72.5°	9.9	11.2	12.4	13.6	14.9	16.1	17.2	18.3	19.4	20.5	21.6
70°	12.0	13.4	14.9	16.5	18.0	19.4	20.7	22.1	23.5	24.7	25.7
67.5°	14.1	15.8	17.6	19.4	21.0	22.6	24.2	25.8	27.2	28.4	29.6
65°	16.2	18.2	20.2	22.1	23.9	25.8	27.5	29.2	30.7	32.2	33.5
62.5°	18.3	20.5	22.6	24.8	26.9	28.9	30.8	32.6	34.3	35.8	37.2
60°	20.4	22.8	25.1	27.4	29.8	31.9	34.0	35.8	37.5	39.1	40.6
57.5°	22.5	25.0	27.5	30.0	32.5	34.9	36.9	38.8	40.6	42.3	43.8
55°	24.5	27.1	29.9	32.5	35.1	37.5	39.6	41.6	43.5	45.1	46.6
52.5°	26.5	29.3	32.1	34.9	37.5	40.0	42.2	44.2	46.0	47.6	48.9
50°	28.4	31.3	34.3	37.1	39.8	42.3	44.6	46.5	48.1	49.6	50.8
47.5°	30.2	33.3	36.2	39.2	41.9	44.4	46.6	48.4	50.0	51.3	52.5
45°	32.0	35.1	38.2	41.0	43.8	46.3	48.4	50.2	51.7	53.0	54.1
42.5°	33.6	36.9	40.0	42.8	45.6	48.0	50.0	51.7	53.2	54.5	55.8
40°	35.2	38.7	41.8	44.6	47.2	49.5	51.5	53.2	54.6	56.1	57.5
37.5°	36.7	40.2	43.4	46.3	48.7	50.9	52.8	54.5	56.1	57.8	59.6
35°	38.2	41.8	45.0	47.8	50.2	52.1	54.0	55.8	57.8	59.8	62.0
32.5°	39.6	43.2	46.5	49.1	51.3	53.3	55.2	57.4	59.7	62.0	64.7
30°	40.8	44.5	47.8	50.3	52.3	54.2	56.6	59.2	61.8	64.5	67.6
27.5°	41.9	45.8	48.9	51.3	53.2	55.1	57.7	61.0	63.9	66.7	70.2
25°	42.8	46.8	49.8	52.0	53.9	55.9	58.6	62.0	65.7	68.8	73.5
22.5°	43.7	47.7	50.7	52.7	54.4	56.6	59.3	62.7	66.4	70.4	77.0
20°	44.4	48.3	51.4	53.3	54.8	57.0	59.7	63.1	67.3	73.0	80.3
17.5°	45.0	49.0	52.0	53.7	55.3	57.4	59.9	63.4	68.3	75.3	83.4
15°	45.6	49.7	52.4	54.1	55.7	57.8	60.4	64.1	69.8	77.5	86.2
12.5°	46.0	50.3	52.8	54.3	55.9	58.0	61.0	65.3	71.5	79.7	89.3
10°	46.4	50.9	53.1	54.5	56.0	58.2	61.5	66.1	72.9	81.7	92.0
7.5°	46.7	51.4	53.3	54.7	56.1	58.3	62.0	66.8	74.0	83.4	94.3
5°	47.0	51.7	53.5	54.8	56.0	58.4	62.3	67.2	74.6	84.6	96.0
2.5°	47.1	51.8	53.7	54.9	56.0	58.3	62.5	67.8	75.4	85.6	97.1
0°	47.2	51.9	53.9	54.9	55.9	58.2	62.6	68.3	76.0	86.0	97.4
-2.5°	47.1	51.8	53.7	54.9	56.0	58.3	62.5	67.8	75.4	85.6	97.1
-5°	47.0	51.7	53.5	54.8	56.0	58.4	62.3	67.2	74.6	84.6	96.0
-7.5°	46.7	51.4	53.3	54.7	56.1	58.3	62.0	66.8	74.0	83.4	94.3
-10°	46.4	50.9	53.1	54.5	56.0	58.2	61.5	66.1	72.9	81.7	92.0
-12.5°	46.0	50.3	52.8	54.3	55.9	58.0	61.0	65.3	71.5	79.7	89.3
-15°	45.6	49.7	52.4	54.1	55.7	57.8	60.4	64.1	69.8	77.5	86.2
-17.5°	45.0	49.0	52.0	53.7	55.3	57.4	59.9	63.4	68.3	75.3	83.4
-20°	44.4	48.3	51.4	53.3	54.8	57.0	59.7	63.1	67.3	73.0	80.3



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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°	43.7	47.7	50.7	52.7	54.4	56.6	59.3	62.7	66.4	70.4	77.0
-25°	42.8	46.8	49.8	52.0	53.9	55.9	58.6	62.0	65.7	68.8	73.5
-27.5°	41.9	45.8	48.9	51.3	53.2	55.1	57.7	61.0	63.9	66.7	70.2
-30°	40.8	44.5	47.8	50.3	52.3	54.2	56.6	59.2	61.8	64.5	67.6
-32.5°	39.6	43.2	46.5	49.1	51.3	53.3	55.2	57.4	59.7	62.0	64.7
-35°	38.2	41.8	45.0	47.8	50.2	52.1	54.0	55.8	57.8	59.8	62.0
-37.5°	36.7	40.2	43.4	46.3	48.7	50.9	52.8	54.5	56.1	57.8	59.6
-40°	35.2	38.7	41.8	44.6	47.2	49.5	51.5	53.2	54.6	56.1	57.5
-42.5°	33.6	36.9	40.0	42.8	45.6	48.0	50.0	51.7	53.2	54.5	55.8
-45°	32.0	35.1	38.2	41.0	43.8	46.3	48.4	50.2	51.7	53.0	54.1
-47.5°	30.2	33.3	36.2	39.2	41.9	44.4	46.6	48.4	50.0	51.3	52.5
-50°	28.4	31.3	34.3	37.1	39.8	42.3	44.6	46.5	48.1	49.6	50.8
-52.5°	26.5	29.3	32.1	34.9	37.5	40.0	42.2	44.2	46.0	47.6	48.9
-55°	24.5	27.1	29.9	32.5	35.1	37.5	39.6	41.6	43.5	45.1	46.6
-57.5°	22.5	25.0	27.5	30.0	32.5	34.9	36.9	38.8	40.6	42.3	43.8
-60°	20.4	22.8	25.1	27.4	29.8	31.9	34.0	35.8	37.5	39.1	40.6
-62.5°	18.3	20.5	22.6	24.8	26.9	28.9	30.8	32.6	34.3	35.8	37.2
-65°	16.2	18.2	20.2	22.1	23.9	25.8	27.5	29.2	30.7	32.2	33.5
-67.5°	14.1	15.8	17.6	19.4	21.0	22.6	24.2	25.8	27.2	28.4	29.6
-70°	12.0	13.4	14.9	16.5	18.0	19.4	20.7	22.1	23.5	24.7	25.7
-72.5°	9.9	11.2	12.4	13.6	14.9	16.1	17.2	18.3	19.4	20.5	21.6
-75°	8.1	8.9	9.9	11.0	11.9	12.9	13.8	14.8	15.7	16.6	17.4
-77.5°	6.4	7.1	7.7	8.4	9.1	9.9	10.7	11.5	12.1	12.8	13.5
-80°	4.8	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.1	9.6
-82.5°	3.3	3.6	3.9	4.2	4.4	4.6	4.9	5.2	5.6	6.0	6.4
-85°	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.1	3.3	3.5	3.7
-87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
-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):

	-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	1.6	1.6	1.6	1.5	1.6	1.7	1.8	1.9	2.0	2.0
85°	3.9	4.0	4.2	4.3	4.4	4.5	4.6	4.7	4.8	5.0	5.1
82.5°	6.7	7.0	7.2	7.4	7.7	7.9	8.1	8.4	8.6	8.7	8.8
80°	10.1	10.5	10.9	11.3	11.6	12.0	12.4	12.7	13.0	13.2	13.4
77.5°	14.1	14.7	15.2	15.7	16.2	16.6	17.0	17.3	17.6	17.9	18.2
75°	18.2	18.9	19.7	20.3	20.9	21.4	21.9	22.3	22.7	23.0	23.3
72.5°	22.5	23.4	24.2	24.9	25.5	26.2	26.8	27.3	27.8	28.2	28.5
70°	26.7	27.6	28.5	29.4	30.2	30.9	31.6	32.2	32.7	33.1	33.5
67.5°	30.7	31.8	32.8	33.8	34.7	35.4	36.2	36.8	37.5	37.9	38.3
65°	34.7	35.9	37.0	38.0	38.9	39.7	40.5	41.3	41.9	42.4	42.7
62.5°	38.6	39.8	41.0	42.0	43.0	43.9	44.6	45.2	45.8	46.3	46.7
60°	42.1	43.4	44.5	45.5	46.4	47.2	47.9	48.6	49.3	49.8	50.3
57.5°	45.1	46.4	47.5	48.4	49.2	49.9	50.6	51.2	51.6	52.0	52.3
55°	47.8	48.9	49.9	50.8	51.5	52.1	52.6	53.0	53.3	53.6	53.7
52.5°	50.1	51.1	52.1	53.0	53.5	54.0	54.4	54.9	55.2	55.3	55.2
50°	51.9	53.0	53.9	54.7	55.4	56.3	57.2	57.6	57.8	57.7	57.5
47.5°	53.6	54.7	55.6	56.6	57.7	59.1	60.5	61.2	61.2	60.9	60.7
45°	55.3	56.4	57.5	59.0	60.6	62.4	64.0	65.1	65.1	65.1	65.4
42.5°	56.9	58.4	60.0	62.0	63.9	66.0	67.8	69.1	70.1	71.3	72.3
40°	59.1	60.6	63.1	65.5	68.1	70.3	73.1	75.4	77.4	79.1	80.5
37.5°	61.5	63.8	66.9	70.0	73.4	76.8	80.0	83.0	85.6	88.5	90.7
35°	64.5	67.8	71.4	75.4	79.6	83.9	88.1	92.8	97.0	100.8	103.9
32.5°	68.0	71.9	76.4	81.7	86.9	92.6	98.5	104.7	110.6	116.8	123.1
30°	71.5	76.7	82.4	88.7	94.9	102.3	110.1	120.2	130.8	142.9	161.4
27.5°	75.7	81.9	88.7	95.9	104.4	113.9	128.9	147.5	179.3	203.1	266.9
25°	79.9	87.0	95.6	105.0	116.4	133.9	169.6	211.0	303.3	389.6	489.3
22.5°	84.2	93.0	103.2	114.7	134.6	179.5	247.6	372.5	514.9	666.1	820.1
20°	88.4	98.8	111.7	130.8	172.4	249.2	402.2	602.8	805.2	1052.5	1266.3
17.5°	93.2	106.0	122.9	151.7	220.2	384.8	611.1	889.4	1202.6	1520.5	1787.4
15°	97.1	112.2	134.8	191.1	320.3	538.7	834.9	1212.2	1639.3	2041.1	2383.9
12.5°	101.5	119.1	148.8	223.1	412.8	699.8	1090.1	1554.5	2066.8	2617.4	3489.3
10°	105.6	126.0	172.2	289.5	519.3	862.6	1318.8	1842.0	2463.4	3565.8	5626.7
7.5°	109.0	131.4	189.8	338.9	615.7	1016.3	1505.2	2087.8	3022.0	4874.1	8342.1
5°	111.3	135.0	202.0	376.0	692.5	1129.6	1624.3	2249.7	3591.9	6473.4	10649.3
2.5°	112.9	137.0	208.5	397.5	741.1	1204.6	1708.7	2358.6	3974.5	7398.5	12291.0
0°	114.1	137.5	209.8	416.3	757.6	1230.0	1712.9	2387.8	4105.7	7759.7	12876.0
-2.5°	112.9	137.0	208.5	397.5	741.1	1204.6	1708.7	2358.6	3974.5	7398.5	12291.0
-5°	111.3	135.0	202.0	376.0	692.5	1129.6	1624.3	2249.7	3591.9	6473.4	10649.3
-7.5°	109.0	131.4	189.8	338.9	615.7	1016.3	1505.2	2087.8	3022.0	4874.1	8342.1
-10°	105.6	126.0	172.2	289.5	519.3	862.6	1318.8	1842.0	2463.4	3565.8	5626.7
-12.5°	101.5	119.1	148.8	223.1	412.8	699.8	1090.1	1554.5	2066.8	2617.4	3489.3
-15°	97.1	112.2	134.8	191.1	320.3	538.7	834.9	1212.2	1639.3	2041.1	2383.9
-17.5°	93.2	106.0	122.9	151.7	220.2	384.8	611.1	889.4	1202.6	1520.5	1787.4
-20°	88.4	98.8	111.7	130.8	172.4	249.2	402.2	602.8	805.2	1052.5	1266.3



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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°	84.2	93.0	103.2	114.7	134.6	179.5	247.6	372.5	514.9	666.1	820.1
-25°	79.9	87.0	95.6	105.0	116.4	133.9	169.6	211.0	303.3	389.6	489.3
-27.5°	75.7	81.9	88.7	95.9	104.4	113.9	128.9	147.5	179.3	203.1	266.9
-30°	71.5	76.7	82.4	88.7	94.9	102.3	110.1	120.2	130.8	142.9	161.4
-32.5°	68.0	71.9	76.4	81.7	86.9	92.6	98.5	104.7	110.6	116.8	123.1
-35°	64.5	67.8	71.4	75.4	79.6	83.9	88.1	92.8	97.0	100.8	103.9
-37.5°	61.5	63.8	66.9	70.0	73.4	76.8	80.0	83.0	85.6	88.5	90.7
-40°	59.1	60.6	63.1	65.5	68.1	70.3	73.1	75.4	77.4	79.1	80.5
-42.5°	56.9	58.4	60.0	62.0	63.9	66.0	67.8	69.1	70.1	71.3	72.3
-45°	55.3	56.4	57.5	59.0	60.6	62.4	64.0	65.1	65.1	65.1	65.4
-47.5°	53.6	54.7	55.6	56.6	57.7	59.1	60.5	61.2	61.2	60.9	60.7
-50°	51.9	53.0	53.9	54.7	55.4	56.3	57.2	57.6	57.8	57.7	57.5
-52.5°	50.1	51.1	52.1	53.0	53.5	54.0	54.4	54.9	55.2	55.3	55.2
-55°	47.8	48.9	49.9	50.8	51.5	52.1	52.6	53.0	53.3	53.6	53.7
-57.5°	45.1	46.4	47.5	48.4	49.2	49.9	50.6	51.2	51.6	52.0	52.3
-60°	42.1	43.4	44.5	45.5	46.4	47.2	47.9	48.6	49.3	49.8	50.3
-62.5°	38.6	39.8	41.0	42.0	43.0	43.9	44.6	45.2	45.8	46.3	46.7
-65°	34.7	35.9	37.0	38.0	38.9	39.7	40.5	41.3	41.9	42.4	42.7
-67.5°	30.7	31.8	32.8	33.8	34.7	35.4	36.2	36.8	37.5	37.9	38.3
-70°	26.7	27.6	28.5	29.4	30.2	30.9	31.6	32.2	32.7	33.1	33.5
-72.5°	22.5	23.4	24.2	24.9	25.5	26.2	26.8	27.3	27.8	28.2	28.5
-75°	18.2	18.9	19.7	20.3	20.9	21.4	21.9	22.3	22.7	23.0	23.3
-77.5°	14.1	14.7	15.2	15.7	16.2	16.6	17.0	17.3	17.6	17.9	18.2
-80°	10.1	10.5	10.9	11.3	11.6	12.0	12.4	12.7	13.0	13.2	13.4
-82.5°	6.7	7.0	7.2	7.4	7.7	7.9	8.1	8.4	8.6	8.7	8.8
-85°	3.9	4.0	4.2	4.3	4.4	4.5	4.6	4.7	4.8	5.0	5.1
-87.5°	1.6	1.6	1.6	1.6	1.5	1.6	1.7	1.8	1.9	2.0	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: P558511 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8
85°	5.2	5.4	5.2	5.0	5.2	5.4	5.2	5.1	5.0	4.8	4.7
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°	13.5	13.6	13.9	14.1	13.9	13.6	13.5	13.4	13.2	13.0	12.7
77.5°	18.4	18.6	18.7	18.7	18.7	18.6	18.4	18.2	17.9	17.6	17.3
75°	23.5	23.7	24.1	24.4	24.1	23.7	23.5	23.3	23.0	22.7	22.3
72.5°	28.8	29.0	29.2	29.4	29.2	29.0	28.8	28.5	28.2	27.8	27.3
70°	33.7	33.9	34.1	34.1	34.1	33.9	33.7	33.5	33.1	32.7	32.2
67.5°	38.5	38.6	38.6	38.5	38.6	38.6	38.5	38.3	37.9	37.5	36.8
65°	42.9	43.0	43.0	42.8	43.0	43.0	42.9	42.7	42.4	41.9	41.3
62.5°	46.9	47.0	47.2	47.2	47.2	47.0	46.9	46.7	46.3	45.8	45.2
60°	50.7	51.0	51.1	51.2	51.1	51.0	50.7	50.3	49.8	49.3	48.6
57.5°	52.5	52.8	52.9	52.9	52.9	52.8	52.5	52.3	52.0	51.6	51.2
55°	53.8	53.9	53.7	53.5	53.7	53.9	53.8	53.7	53.6	53.3	53.0
52.5°	55.1	55.0	54.9	54.9	54.9	55.0	55.1	55.2	55.3	55.2	54.9
50°	57.3	57.0	56.9	56.9	56.9	57.0	57.3	57.5	57.7	57.8	57.6
47.5°	60.9	61.0	61.1	61.2	61.1	61.0	60.9	60.7	60.9	61.2	61.2
45°	66.0	66.5	66.8	66.9	66.8	66.5	66.0	65.4	65.1	65.1	65.1
42.5°	73.3	73.8	74.0	73.9	74.0	73.8	73.3	72.3	71.3	70.1	69.1
40°	81.9	83.0	83.7	83.7	83.7	83.0	81.9	80.5	79.1	77.4	75.4
37.5°	92.7	94.2	95.0	94.7	95.0	94.2	92.7	90.7	88.5	85.6	83.0
35°	106.3	107.7	108.3	109.1	108.3	107.7	106.3	103.9	100.8	97.0	92.8
32.5°	127.9	131.0	132.2	130.5	132.2	131.0	127.9	123.1	116.8	110.6	104.7
30°	173.9	185.0	192.4	196.1	192.4	185.0	173.9	161.4	142.9	130.8	120.2
27.5°	310.9	339.9	352.3	359.0	352.3	339.9	310.9	266.9	203.1	179.3	147.5
25°	574.7	636.8	672.5	669.6	672.5	636.8	574.7	489.3	389.6	303.3	211.0
22.5°	963.2	1061.0	1119.8	1141.4	1119.8	1061.0	963.2	820.1	666.1	514.9	372.5
20°	1444.7	1554.5	1611.9	1620.5	1611.9	1554.5	1444.7	1266.3	1052.5	805.2	602.8
17.5°	1997.4	2101.5	2162.0	2161.3	2162.0	2101.5	1997.4	1787.4	1520.5	1202.6	889.4
15°	2850.8	3253.6	3480.7	3447.5	3480.7	3253.6	2850.8	2383.9	2041.1	1639.3	1212.2
12.5°	4671.2	6280.1	7278.0	7524.5	7278.0	6280.1	4671.2	3489.3	2617.4	2066.8	1554.5
10°	8254.6	10661.6	12583.8	13139.3	12583.8	10661.6	8254.6	5626.7	3565.8	2463.4	1842.0
7.5°	11873.7	14730.4	15906.0	16042.7	15906.0	14730.4	11873.7	8342.1	4874.1	3022.0	2087.8
5°	14605.4	17512.2	17848.6	17003.5	17848.6	17512.2	14605.4	10649.3	6473.4	3591.9	2249.7
2.5°	16408.5	18604.7	18918.3	18463.4	18918.3	18604.7	16408.5	12291.0	7398.5	3974.5	2358.6
0°	16819.8	18314.2	18759.7	18808.4	18759.7	18314.2	16819.8	12876.0	7759.7	4105.7	2387.8
-2.5°	16408.5	18604.7	18918.3	18463.4	18918.3	18604.7	16408.5	12291.0	7398.5	3974.5	2358.6
-5°	14605.4	17512.2	17848.6	17003.5	17848.6	17512.2	14605.4	10649.3	6473.4	3591.9	2249.7
-7.5°	11873.7	14730.4	15906.0	16042.7	15906.0	14730.4	11873.7	8342.1	4874.1	3022.0	2087.8
-10°	8254.6	10661.6	12583.8	13139.3	12583.8	10661.6	8254.6	5626.7	3565.8	2463.4	1842.0
-12.5°	4671.2	6280.1	7278.0	7524.5	7278.0	6280.1	4671.2	3489.3	2617.4	2066.8	1554.5
-15°	2850.8	3253.6	3480.7	3447.5	3480.7	3253.6	2850.8	2383.9	2041.1	1639.3	1212.2
-17.5°	1997.4	2101.5	2162.0	2161.3	2162.0	2101.5	1997.4	1787.4	1520.5	1202.6	889.4
-20°	1444.7	1554.5	1611.9	1620.5	1611.9	1554.5	1444.7	1266.3	1052.5	805.2	602.8



REPORT NUMBER: P558511 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1B-935-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	963.2	1061.0	1119.8	1141.4	1119.8	1061.0	963.2	820.1	666.1	514.9	372.5
-25°	574.7	636.8	672.5	669.6	672.5	636.8	574.7	489.3	389.6	303.3	211.0
-27.5°	310.9	339.9	352.3	359.0	352.3	339.9	310.9	266.9	203.1	179.3	147.5
-30°	173.9	185.0	192.4	196.1	192.4	185.0	173.9	161.4	142.9	130.8	120.2
-32.5°	127.9	131.0	132.2	130.5	132.2	131.0	127.9	123.1	116.8	110.6	104.7
-35°	106.3	107.7	108.3	109.1	108.3	107.7	106.3	103.9	100.8	97.0	92.8
-37.5°	92.7	94.2	95.0	94.7	95.0	94.2	92.7	90.7	88.5	85.6	83.0
-40°	81.9	83.0	83.7	83.7	83.7	83.0	81.9	80.5	79.1	77.4	75.4
-42.5°	73.3	73.8	74.0	73.9	74.0	73.8	73.3	72.3	71.3	70.1	69.1
-45°	66.0	66.5	66.8	66.9	66.8	66.5	66.0	65.4	65.1	65.1	65.1
-47.5°	60.9	61.0	61.1	61.2	61.1	61.0	60.9	60.7	60.9	61.2	61.2
-50°	57.3	57.0	56.9	56.9	56.9	57.0	57.3	57.5	57.7	57.8	57.6
-52.5°	55.1	55.0	54.9	54.9	54.9	55.0	55.1	55.2	55.3	55.2	54.9
-55°	53.8	53.9	53.7	53.5	53.7	53.9	53.8	53.7	53.6	53.3	53.0
-57.5°	52.5	52.8	52.9	52.9	52.9	52.8	52.5	52.3	52.0	51.6	51.2
-60°	50.7	51.0	51.1	51.2	51.1	51.0	50.7	50.3	49.8	49.3	48.6
-62.5°	46.9	47.0	47.2	47.2	47.2	47.0	46.9	46.7	46.3	45.8	45.2
-65°	42.9	43.0	43.0	42.8	43.0	43.0	42.9	42.7	42.4	41.9	41.3
-67.5°	38.5	38.6	38.6	38.5	38.6	38.6	38.5	38.3	37.9	37.5	36.8
-70°	33.7	33.9	34.1	34.1	34.1	33.9	33.7	33.5	33.1	32.7	32.2
-72.5°	28.8	29.0	29.2	29.4	29.2	29.0	28.8	28.5	28.2	27.8	27.3
-75°	23.5	23.7	24.1	24.4	24.1	23.7	23.5	23.3	23.0	22.7	22.3
-77.5°	18.4	18.6	18.7	18.7	18.7	18.6	18.4	18.2	17.9	17.6	17.3
-80°	13.5	13.6	13.9	14.1	13.9	13.6	13.5	13.4	13.2	13.0	12.7
-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°	5.2	5.4	5.2	5.0	5.2	5.4	5.2	5.1	5.0	4.8	4.7
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	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



REPORT NUMBER: P558511 (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°	1.7	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4
85°	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.7	3.5	3.3	3.1
82.5°	8.1	7.9	7.7	7.4	7.2	7.0	6.7	6.4	6.0	5.6	5.2
80°	12.4	12.0	11.6	11.3	10.9	10.5	10.1	9.6	9.1	8.7	8.2
77.5°	17.0	16.6	16.2	15.7	15.2	14.7	14.1	13.5	12.8	12.1	11.5
75°	21.9	21.4	20.9	20.3	19.7	18.9	18.2	17.4	16.6	15.7	14.8
72.5°	26.8	26.2	25.5	24.9	24.2	23.4	22.5	21.6	20.5	19.4	18.3
70°	31.6	30.9	30.2	29.4	28.5	27.6	26.7	25.7	24.7	23.5	22.1
67.5°	36.2	35.4	34.7	33.8	32.8	31.8	30.7	29.6	28.4	27.2	25.8
65°	40.5	39.7	38.9	38.0	37.0	35.9	34.7	33.5	32.2	30.7	29.2
62.5°	44.6	43.9	43.0	42.0	41.0	39.8	38.6	37.2	35.8	34.3	32.6
60°	47.9	47.2	46.4	45.5	44.5	43.4	42.1	40.6	39.1	37.5	35.8
57.5°	50.6	49.9	49.2	48.4	47.5	46.4	45.1	43.8	42.3	40.6	38.8
55°	52.6	52.1	51.5	50.8	49.9	48.9	47.8	46.6	45.1	43.5	41.6
52.5°	54.4	54.0	53.5	53.0	52.1	51.1	50.1	48.9	47.6	46.0	44.2
50°	57.2	56.3	55.4	54.7	53.9	53.0	51.9	50.8	49.6	48.1	46.5
47.5°	60.5	59.1	57.7	56.6	55.6	54.7	53.6	52.5	51.3	50.0	48.4
45°	64.0	62.4	60.6	59.0	57.5	56.4	55.3	54.1	53.0	51.7	50.2
42.5°	67.8	66.0	63.9	62.0	60.0	58.4	56.9	55.8	54.5	53.2	51.7
40°	73.1	70.3	68.1	65.5	63.1	60.6	59.1	57.5	56.1	54.6	53.2
37.5°	80.0	76.8	73.4	70.0	66.9	63.8	61.5	59.6	57.8	56.1	54.5
35°	88.1	83.9	79.6	75.4	71.4	67.8	64.5	62.0	59.8	57.8	55.8
32.5°	98.5	92.6	86.9	81.7	76.4	71.9	68.0	64.7	62.0	59.7	57.4
30°	110.1	102.3	94.9	88.7	82.4	76.7	71.5	67.6	64.5	61.8	59.2
27.5°	128.9	113.9	104.4	95.9	88.7	81.9	75.7	70.2	66.7	63.9	61.0
25°	169.6	133.9	116.4	105.0	95.6	87.0	79.9	73.5	68.8	65.7	62.0
22.5°	247.6	179.5	134.6	114.7	103.2	93.0	84.2	77.0	70.4	66.4	62.7
20°	402.2	249.2	172.4	130.8	111.7	98.8	88.4	80.3	73.0	67.3	63.1
17.5°	611.1	384.8	220.2	151.7	122.9	106.0	93.2	83.4	75.3	68.3	63.4
15°	834.9	538.7	320.3	191.1	134.8	112.2	97.1	86.2	77.5	69.8	64.1
12.5°	1090.1	699.8	412.8	223.1	148.8	119.1	101.5	89.3	79.7	71.5	65.3
10°	1318.8	862.6	519.3	289.5	172.2	126.0	105.6	92.0	81.7	72.9	66.1
7.5°	1505.2	1016.3	615.7	338.9	189.8	131.4	109.0	94.3	83.4	74.0	66.8
5°	1624.3	1129.6	692.5	376.0	202.0	135.0	111.3	96.0	84.6	74.6	67.2
2.5°	1708.7	1204.6	741.1	397.5	208.5	137.0	112.9	97.1	85.6	75.4	67.8
0°	1712.9	1230.0	757.6	416.3	209.8	137.5	114.1	97.4	86.0	76.0	68.3
-2.5°	1708.7	1204.6	741.1	397.5	208.5	137.0	112.9	97.1	85.6	75.4	67.8
-5°	1624.3	1129.6	692.5	376.0	202.0	135.0	111.3	96.0	84.6	74.6	67.2
-7.5°	1505.2	1016.3	615.7	338.9	189.8	131.4	109.0	94.3	83.4	74.0	66.8
-10°	1318.8	862.6	519.3	289.5	172.2	126.0	105.6	92.0	81.7	72.9	66.1
-12.5°	1090.1	699.8	412.8	223.1	148.8	119.1	101.5	89.3	79.7	71.5	65.3
-15°	834.9	538.7	320.3	191.1	134.8	112.2	97.1	86.2	77.5	69.8	64.1
-17.5°	611.1	384.8	220.2	151.7	122.9	106.0	93.2	83.4	75.3	68.3	63.4
-20°	402.2	249.2	172.4	130.8	111.7	98.8	88.4	80.3	73.0	67.3	63.1



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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°	247.6	179.5	134.6	114.7	103.2	93.0	84.2	77.0	70.4	66.4	62.7
-25°	169.6	133.9	116.4	105.0	95.6	87.0	79.9	73.5	68.8	65.7	62.0
-27.5°	128.9	113.9	104.4	95.9	88.7	81.9	75.7	70.2	66.7	63.9	61.0
-30°	110.1	102.3	94.9	88.7	82.4	76.7	71.5	67.6	64.5	61.8	59.2
-32.5°	98.5	92.6	86.9	81.7	76.4	71.9	68.0	64.7	62.0	59.7	57.4
-35°	88.1	83.9	79.6	75.4	71.4	67.8	64.5	62.0	59.8	57.8	55.8
-37.5°	80.0	76.8	73.4	70.0	66.9	63.8	61.5	59.6	57.8	56.1	54.5
-40°	73.1	70.3	68.1	65.5	63.1	60.6	59.1	57.5	56.1	54.6	53.2
-42.5°	67.8	66.0	63.9	62.0	60.0	58.4	56.9	55.8	54.5	53.2	51.7
-45°	64.0	62.4	60.6	59.0	57.5	56.4	55.3	54.1	53.0	51.7	50.2
-47.5°	60.5	59.1	57.7	56.6	55.6	54.7	53.6	52.5	51.3	50.0	48.4
-50°	57.2	56.3	55.4	54.7	53.9	53.0	51.9	50.8	49.6	48.1	46.5
-52.5°	54.4	54.0	53.5	53.0	52.1	51.1	50.1	48.9	47.6	46.0	44.2
-55°	52.6	52.1	51.5	50.8	49.9	48.9	47.8	46.6	45.1	43.5	41.6
-57.5°	50.6	49.9	49.2	48.4	47.5	46.4	45.1	43.8	42.3	40.6	38.8
-60°	47.9	47.2	46.4	45.5	44.5	43.4	42.1	40.6	39.1	37.5	35.8
-62.5°	44.6	43.9	43.0	42.0	41.0	39.8	38.6	37.2	35.8	34.3	32.6
-65°	40.5	39.7	38.9	38.0	37.0	35.9	34.7	33.5	32.2	30.7	29.2
-67.5°	36.2	35.4	34.7	33.8	32.8	31.8	30.7	29.6	28.4	27.2	25.8
-70°	31.6	30.9	30.2	29.4	28.5	27.6	26.7	25.7	24.7	23.5	22.1
-72.5°	26.8	26.2	25.5	24.9	24.2	23.4	22.5	21.6	20.5	19.4	18.3
-75°	21.9	21.4	20.9	20.3	19.7	18.9	18.2	17.4	16.6	15.7	14.8
-77.5°	17.0	16.6	16.2	15.7	15.2	14.7	14.1	13.5	12.8	12.1	11.5
-80°	12.4	12.0	11.6	11.3	10.9	10.5	10.1	9.6	9.1	8.7	8.2
-82.5°	8.1	7.9	7.7	7.4	7.2	7.0	6.7	6.4	6.0	5.6	5.2
-85°	4.6	4.5	4.4	4.3	4.2	4.0	3.9	3.7	3.5	3.3	3.1
-87.5°	1.7	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.5	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):

	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°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
85°	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.7	1.5	1.4	1.2
82.5°	4.9	4.6	4.4	4.2	3.9	3.6	3.3	2.9	2.5	2.1	1.8
80°	7.7	7.2	6.7	6.2	5.7	5.2	4.8	4.3	3.7	3.2	2.6
77.5°	10.7	9.9	9.1	8.4	7.7	7.1	6.4	5.7	5.0	4.2	3.5
75°	13.8	12.9	11.9	11.0	9.9	8.9	8.1	7.2	6.3	5.3	4.4
72.5°	17.2	16.1	14.9	13.6	12.4	11.2	9.9	8.7	7.7	6.6	5.4
70°	20.7	19.4	18.0	16.5	14.9	13.4	12.0	10.5	9.0	7.8	6.5
67.5°	24.2	22.6	21.0	19.4	17.6	15.8	14.1	12.4	10.7	9.0	7.6
65°	27.5	25.8	23.9	22.1	20.2	18.2	16.2	14.3	12.4	10.5	8.7
62.5°	30.8	28.9	26.9	24.8	22.6	20.5	18.3	16.2	14.1	12.0	9.9
60°	34.0	31.9	29.8	27.4	25.1	22.8	20.4	18.1	15.8	13.4	11.2
57.5°	36.9	34.9	32.5	30.0	27.5	25.0	22.5	20.0	17.4	14.9	12.4
55°	39.6	37.5	35.1	32.5	29.9	27.1	24.5	21.8	19.1	16.3	13.6
52.5°	42.2	40.0	37.5	34.9	32.1	29.3	26.5	23.6	20.7	17.7	14.8
50°	44.6	42.3	39.8	37.1	34.3	31.3	28.4	25.4	22.2	19.1	16.0
47.5°	46.6	44.4	41.9	39.2	36.2	33.3	30.2	27.1	23.8	20.5	17.2
45°	48.4	46.3	43.8	41.0	38.2	35.1	32.0	28.8	25.3	21.8	18.3
42.5°	50.0	48.0	45.6	42.8	40.0	36.9	33.6	30.3	26.7	23.0	19.4
40°	51.5	49.5	47.2	44.6	41.8	38.7	35.2	31.7	28.1	24.3	20.5
37.5°	52.8	50.9	48.7	46.3	43.4	40.2	36.7	33.0	29.4	25.4	21.5
35°	54.0	52.1	50.2	47.8	45.0	41.8	38.2	34.3	30.5	26.5	22.4
32.5°	55.2	53.3	51.3	49.1	46.5	43.2	39.6	35.5	31.6	27.6	23.3
30°	56.6	54.2	52.3	50.3	47.8	44.5	40.8	36.7	32.6	28.5	24.2
27.5°	57.7	55.1	53.2	51.3	48.9	45.8	41.9	37.7	33.5	29.4	25.0
25°	58.6	55.9	53.9	52.0	49.8	46.8	42.8	38.6	34.3	30.1	25.7
22.5°	59.3	56.6	54.4	52.7	50.7	47.7	43.7	39.4	35.1	30.8	26.3
20°	59.7	57.0	54.8	53.3	51.4	48.3	44.4	40.1	35.7	31.4	26.9
17.5°	59.9	57.4	55.3	53.7	52.0	49.0	45.0	40.7	36.3	32.0	27.4
15°	60.4	57.8	55.7	54.1	52.4	49.7	45.6	41.2	36.8	32.5	27.9
12.5°	61.0	58.0	55.9	54.3	52.8	50.3	46.0	41.7	37.1	32.9	28.2
10°	61.5	58.2	56.0	54.5	53.1	50.9	46.4	42.0	37.5	33.2	28.6
7.5°	62.0	58.3	56.1	54.7	53.3	51.4	46.7	42.3	37.9	33.5	28.8
5°	62.3	58.4	56.0	54.8	53.5	51.7	47.0	42.5	38.2	33.7	29.0
2.5°	62.5	58.3	56.0	54.9	53.7	51.8	47.1	42.5	38.4	33.8	29.1
0°	62.6	58.2	55.9	54.9	53.9	51.9	47.2	42.5	38.5	33.8	29.1
-2.5°	62.5	58.3	56.0	54.9	53.7	51.8	47.1	42.5	38.4	33.8	29.1
-5°	62.3	58.4	56.0	54.8	53.5	51.7	47.0	42.5	38.2	33.7	29.0
-7.5°	62.0	58.3	56.1	54.7	53.3	51.4	46.7	42.3	37.9	33.5	28.8
-10°	61.5	58.2	56.0	54.5	53.1	50.9	46.4	42.0	37.5	33.2	28.6
-12.5°	61.0	58.0	55.9	54.3	52.8	50.3	46.0	41.7	37.1	32.9	28.2
-15°	60.4	57.8	55.7	54.1	52.4	49.7	45.6	41.2	36.8	32.5	27.9
-17.5°	59.9	57.4	55.3	53.7	52.0	49.0	45.0	40.7	36.3	32.0	27.4
-20°	59.7	57.0	54.8	53.3	51.4	48.3	44.4	40.1	35.7	31.4	26.9



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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°	59.3	56.6	54.4	52.7	50.7	47.7	43.7	39.4	35.1	30.8	26.3
-25°	58.6	55.9	53.9	52.0	49.8	46.8	42.8	38.6	34.3	30.1	25.7
-27.5°	57.7	55.1	53.2	51.3	48.9	45.8	41.9	37.7	33.5	29.4	25.0
-30°	56.6	54.2	52.3	50.3	47.8	44.5	40.8	36.7	32.6	28.5	24.2
-32.5°	55.2	53.3	51.3	49.1	46.5	43.2	39.6	35.5	31.6	27.6	23.3
-35°	54.0	52.1	50.2	47.8	45.0	41.8	38.2	34.3	30.5	26.5	22.4
-37.5°	52.8	50.9	48.7	46.3	43.4	40.2	36.7	33.0	29.4	25.4	21.5
-40°	51.5	49.5	47.2	44.6	41.8	38.7	35.2	31.7	28.1	24.3	20.5
-42.5°	50.0	48.0	45.6	42.8	40.0	36.9	33.6	30.3	26.7	23.0	19.4
-45°	48.4	46.3	43.8	41.0	38.2	35.1	32.0	28.8	25.3	21.8	18.3
-47.5°	46.6	44.4	41.9	39.2	36.2	33.3	30.2	27.1	23.8	20.5	17.2
-50°	44.6	42.3	39.8	37.1	34.3	31.3	28.4	25.4	22.2	19.1	16.0
-52.5°	42.2	40.0	37.5	34.9	32.1	29.3	26.5	23.6	20.7	17.7	14.8
-55°	39.6	37.5	35.1	32.5	29.9	27.1	24.5	21.8	19.1	16.3	13.6
-57.5°	36.9	34.9	32.5	30.0	27.5	25.0	22.5	20.0	17.4	14.9	12.4
-60°	34.0	31.9	29.8	27.4	25.1	22.8	20.4	18.1	15.8	13.4	11.2
-62.5°	30.8	28.9	26.9	24.8	22.6	20.5	18.3	16.2	14.1	12.0	9.9
-65°	27.5	25.8	23.9	22.1	20.2	18.2	16.2	14.3	12.4	10.5	8.7
-67.5°	24.2	22.6	21.0	19.4	17.6	15.8	14.1	12.4	10.7	9.0	7.6
-70°	20.7	19.4	18.0	16.5	14.9	13.4	12.0	10.5	9.0	7.8	6.5
-72.5°	17.2	16.1	14.9	13.6	12.4	11.2	9.9	8.7	7.7	6.6	5.4
-75°	13.8	12.9	11.9	11.0	9.9	8.9	8.1	7.2	6.3	5.3	4.4
-77.5°	10.7	9.9	9.1	8.4	7.7	7.1	6.4	5.7	5.0	4.2	3.5
-80°	7.7	7.2	6.7	6.2	5.7	5.2	4.8	4.3	3.7	3.2	2.6
-82.5°	4.9	4.6	4.4	4.2	3.9	3.6	3.3	2.9	2.5	2.1	1.8
-85°	3.0	2.8	2.6	2.4	2.2	2.0	1.8	1.7	1.5	1.4	1.2
-87.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	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	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	2.9	2.2	1.7	1.3	0.9	0.4	0.0
75°	3.6	2.9	2.1	1.5	1.0	0.5	0.0
72.5°	4.4	3.5	2.6	1.8	1.2	0.6	0.0
70°	5.2	4.2	3.2	2.1	1.4	0.7	0.0
67.5°	6.1	4.8	3.7	2.5	1.5	0.8	0.0
65°	7.1	5.5	4.2	2.9	1.7	0.8	0.0
62.5°	8.0	6.3	4.7	3.3	1.8	0.9	0.0
60°	8.9	7.0	5.2	3.7	2.0	1.0	0.0
57.5°	9.9	7.7	5.8	4.0	2.3	1.1	0.0
55°	11.0	8.4	6.3	4.4	2.5	1.1	0.0
52.5°	11.9	9.1	6.9	4.8	2.7	1.2	0.0
50°	12.9	9.9	7.4	5.1	3.0	1.3	0.0
47.5°	13.8	10.7	7.9	5.5	3.2	1.4	0.0
45°	14.8	11.5	8.3	5.8	3.4	1.4	0.0
42.5°	15.8	12.2	8.8	6.1	3.6	1.5	0.0
40°	16.7	12.8	9.3	6.5	3.8	1.5	0.0
37.5°	17.6	13.5	9.8	6.8	4.0	1.6	0.0
35°	18.4	14.2	10.3	7.0	4.2	1.6	0.0
32.5°	19.2	14.8	10.7	7.3	4.3	1.7	0.0
30°	19.9	15.4	11.2	7.5	4.5	1.7	0.0
27.5°	20.6	16.0	11.6	7.8	4.6	1.8	0.0
25°	21.2	16.5	12.0	8.0	4.8	1.8	0.0
22.5°	21.7	17.0	12.3	8.2	4.9	1.8	0.0
20°	22.2	17.5	12.6	8.3	5.0	1.9	0.0
17.5°	22.7	17.9	12.9	8.5	5.1	1.9	0.0
15°	23.1	18.2	13.2	8.6	5.2	1.9	0.0
12.5°	23.4	18.5	13.5	8.7	5.2	2.0	0.0
10°	23.6	18.7	13.7	8.8	5.3	2.0	0.0
7.5°	23.8	18.9	13.8	8.9	5.3	2.0	0.0
5°	24.0	19.0	14.0	9.0	5.4	2.0	0.0
2.5°	24.1	19.1	14.0	9.0	5.4	2.0	0.0
0°	24.1	19.1	14.1	9.0	5.4	2.0	0.0
-2.5°	24.1	19.1	14.1	9.0	5.4	2.0	0.0
-5°	24.0	19.0	14.0	9.0	5.4	2.0	0.0
-7.5°	23.8	18.9	13.8	8.9	5.3	2.0	0.0
-10°	23.6	18.7	13.7	8.8	5.3	2.0	0.0
-12.5°	23.4	18.5	13.5	8.7	5.2	2.0	0.0
-15°	23.1	18.2	13.2	8.6	5.2	1.9	0.0
-17.5°	22.7	17.9	12.9	8.5	5.1	1.9	0.0
-20°	22.2	17.5	12.6	8.3	5.0	1.9	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	21.7	17.0	12.3	8.2	4.9	1.8	0.0
-25°	21.2	16.5	12.0	8.0	4.8	1.8	0.0
-27.5°	20.6	16.0	11.6	7.8	4.6	1.8	0.0
-30°	19.9	15.4	11.2	7.5	4.5	1.7	0.0
-32.5°	19.2	14.8	10.7	7.3	4.3	1.7	0.0
-35°	18.4	14.2	10.3	7.0	4.2	1.6	0.0
-37.5°	17.6	13.5	9.8	6.8	4.0	1.6	0.0
-40°	16.7	12.8	9.3	6.5	3.8	1.5	0.0
-42.5°	15.8	12.2	8.8	6.1	3.6	1.5	0.0
-45°	14.8	11.5	8.3	5.8	3.4	1.4	0.0
-47.5°	13.8	10.7	7.9	5.5	3.2	1.4	0.0
-50°	12.9	9.9	7.4	5.1	3.0	1.3	0.0
-52.5°	11.9	9.1	6.9	4.8	2.7	1.2	0.0
-55°	11.0	8.4	6.3	4.4	2.5	1.1	0.0
-57.5°	9.9	7.7	5.8	4.0	2.3	1.1	0.0
-60°	8.9	7.0	5.2	3.7	2.0	1.0	0.0
-62.5°	8.0	6.3	4.7	3.3	1.8	0.9	0.0
-65°	7.1	5.5	4.2	2.9	1.7	0.8	0.0
-67.5°	6.1	4.8	3.7	2.5	1.5	0.8	0.0
-70°	5.2	4.2	3.2	2.1	1.4	0.7	0.0
-72.5°	4.4	3.5	2.6	1.8	1.2	0.6	0.0
-75°	3.6	2.9	2.1	1.5	1.0	0.5	0.0
-77.5°	2.9	2.2	1.7	1.3	0.9	0.4	0.0
-80°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	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)