

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: P558488 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-940-U-TS-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558488 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/20/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA1A-940-U-TS-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

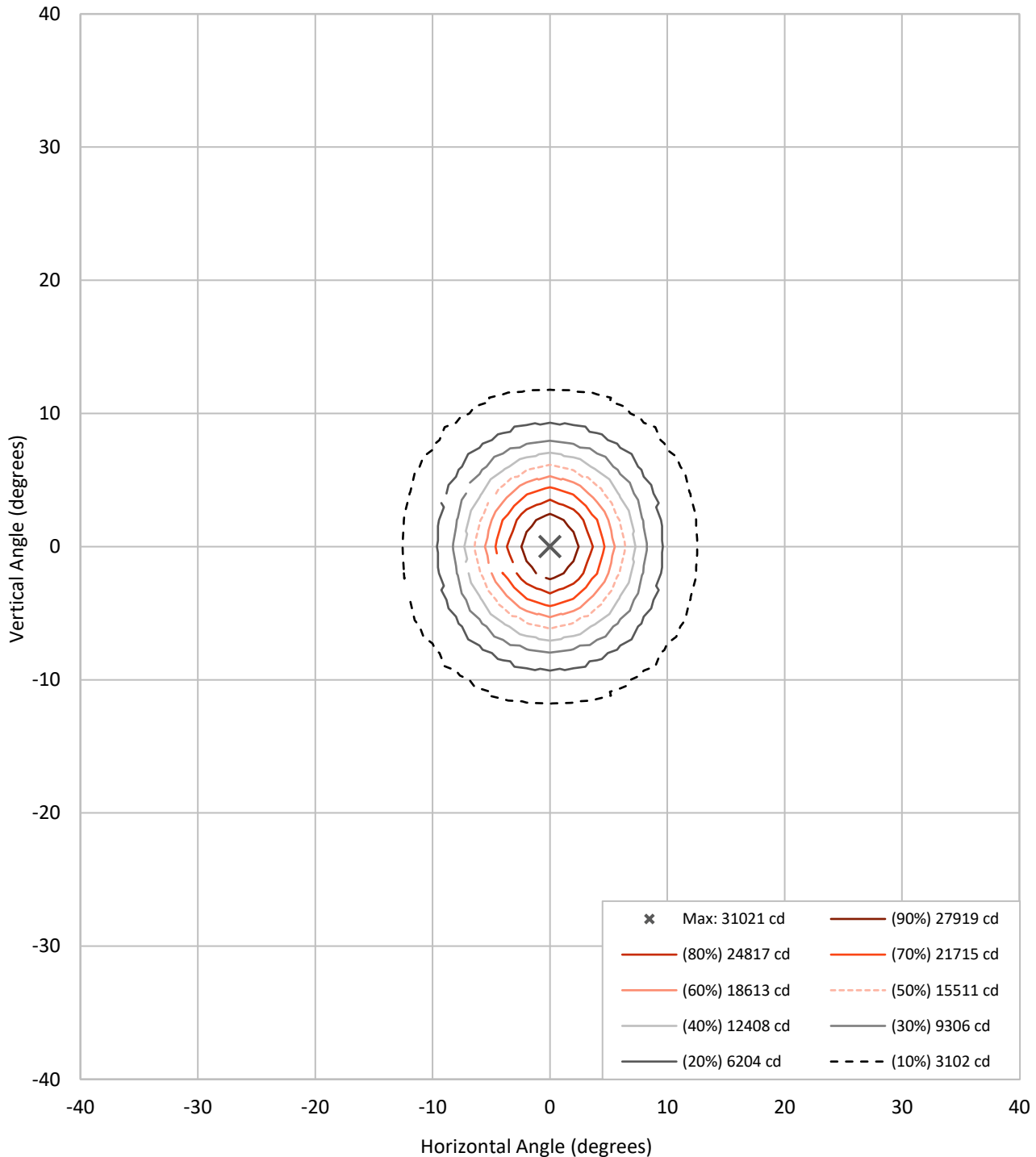
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	2248.6 lumens	Max Intensity:	31021 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	124.9 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.7°H x 12.3°V	Field Angle (10%):	24.6°H x 23.6°V
Beam Lumens:	710.5 lumens	Field Lumens:	1574.1 lumens
Beam Efficiency:	31.6%	Field Efficiency:	70.0%

Input Watts (W): 18
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



REPORT NUMBER: P558488 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





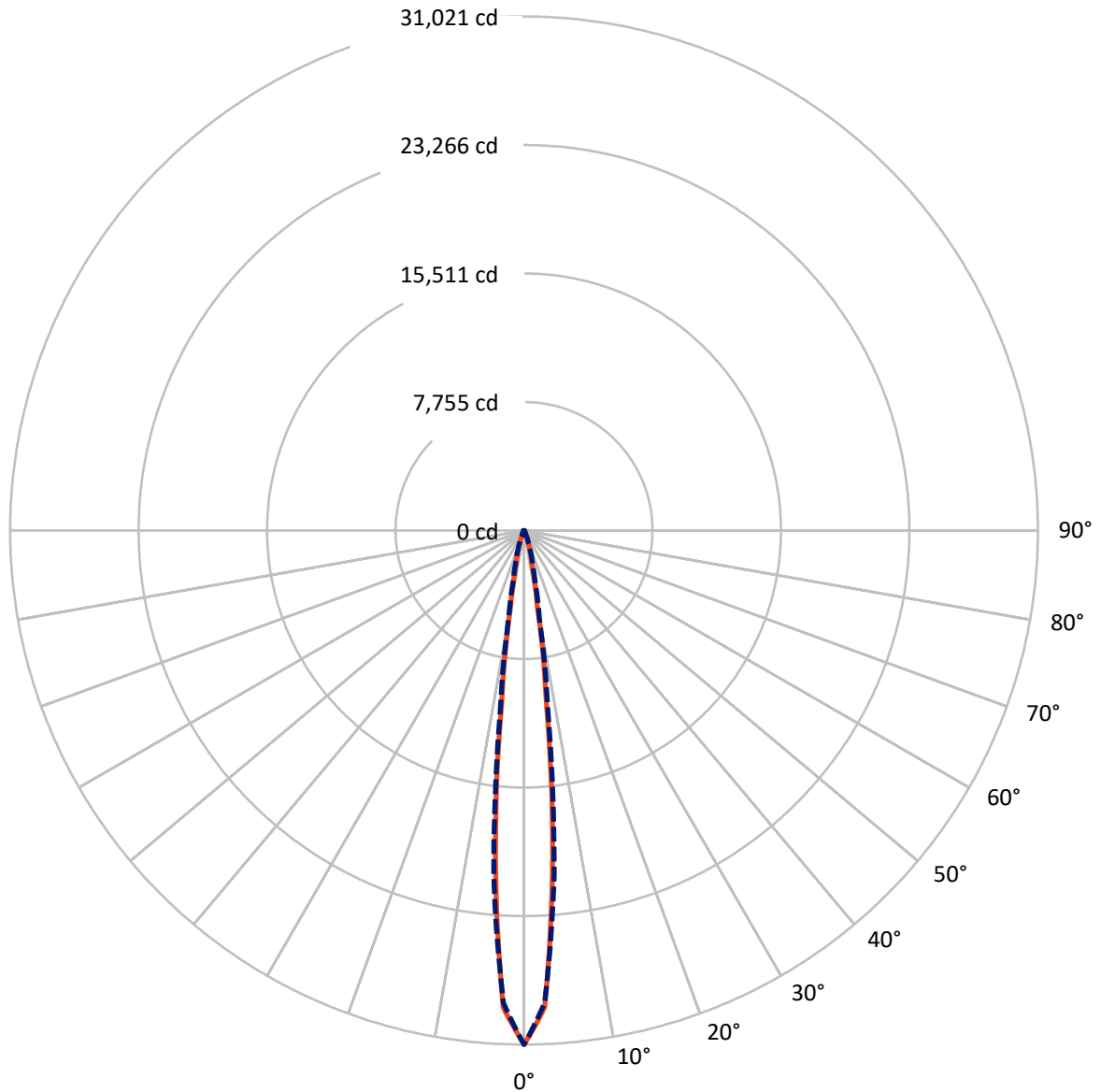
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Lumen Table

90																			
80	0.0	0.3		0.7		1.2		1.3		1.2		0.7		0.3		0.0			
70																			
60	0.1	0.1	0.3	0.5	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.5	0.3	0.1	0.1			
50		0.2	0.4	0.7	0.9	1.0	1.1	1.1	1.1	1.1	1.0	0.9	0.7	0.4	0.2				
40	0.2	0.3	0.5	0.8	1.0	1.1	1.3	1.3	1.3	1.3	1.1	1.0	0.8	0.5	0.3	0.2			
30		0.3	0.6	0.8	1.1	1.4	1.7	1.9	1.9	1.7	1.4	1.1	0.8	0.6	0.3				
20	0.3	0.4	0.6	0.9	1.3	1.9	4.3	7.8	7.8	4.3	1.9	1.3	0.9	0.6	0.4	0.3			
10		0.4	0.7	0.9	1.5	4.2	23.6	51.9	51.9	23.6	4.2	1.5	0.9	0.7	0.4				
0	0.3	0.4	0.7	1.0	1.6	8.0	56.6	366.2	366.2	56.6	8.0	1.6	1.0	0.7	0.4	0.3			
-10		0.4	0.7	1.0	1.6	8.0	56.6	366.2	366.2	56.6	8.0	1.6	1.0	0.7	0.4				
-20	0.3	0.4	0.7	0.9	1.5	4.2	23.6	51.9	51.9	23.6	4.2	1.5	0.9	0.7	0.4	0.3			
-30		0.4	0.6	0.9	1.3	1.9	4.3	7.8	7.8	4.3	1.9	1.3	0.9	0.6	0.4				
-40	0.2	0.3	0.6	0.8	1.1	1.4	1.7	1.9	1.9	1.7	1.4	1.1	0.8	0.6	0.3	0.2			
-50		0.3	0.5	0.8	1.0	1.1	1.3	1.3	1.3	1.3	1.1	1.0	0.8	0.5	0.3				
-60	0.1	0.2	0.4	0.7	0.9	1.0	1.1	1.1	1.1	1.1	1.0	0.9	0.7	0.4	0.2	0.1			
-70		0.1	0.3	0.5	0.7	0.8	0.9	1.0	1.0	0.9	0.8	0.7	0.5	0.3	0.1				
-80																			
-90	0.0	0.3		0.7		1.2		1.3		1.2		0.7		0.3		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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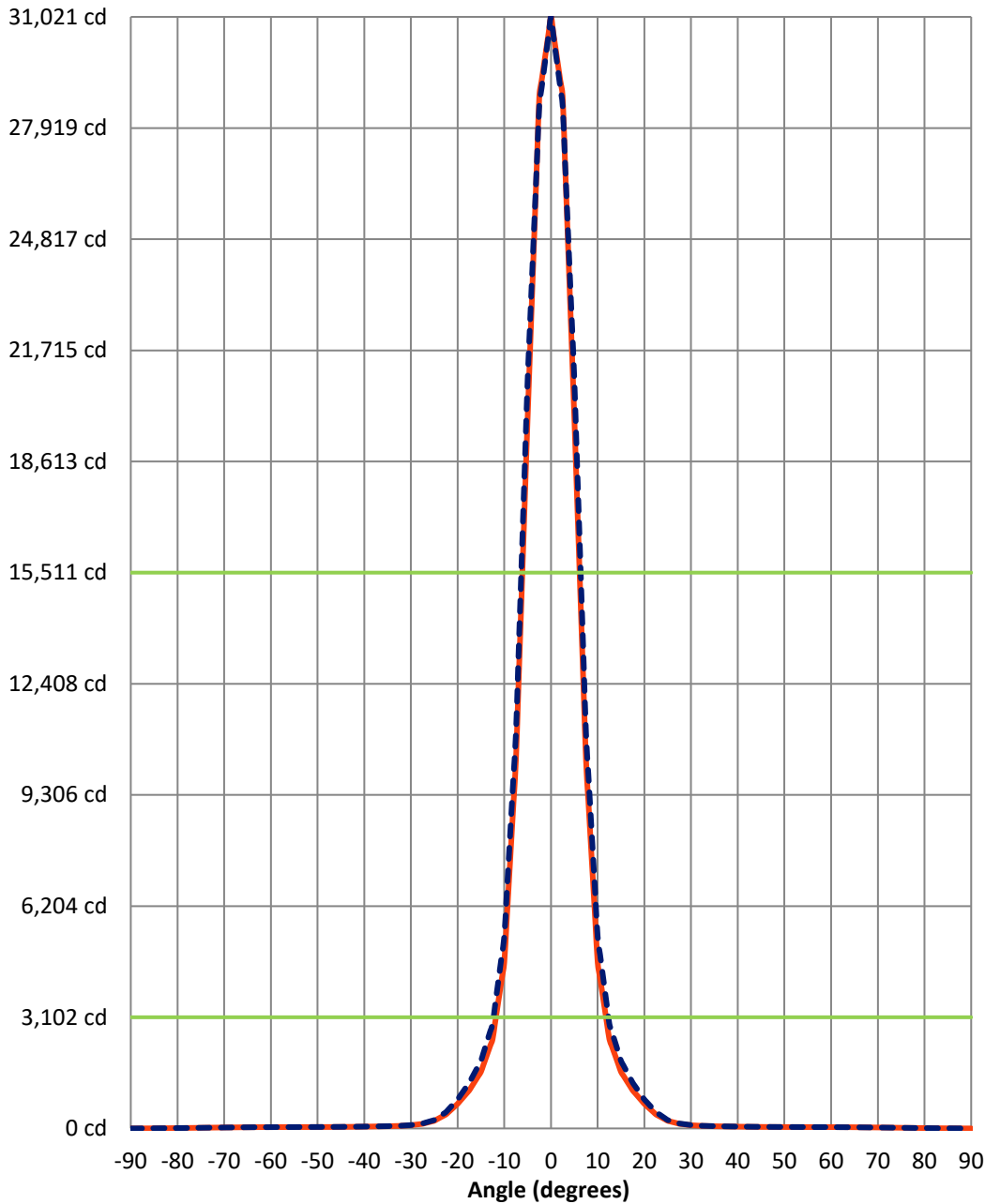
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12.7°
 V Angle: 12.3°
 Lumens: 710.5
 Efficiency: 31.6%

Field:
 H Angle: 24.6°
 V Angle: 23.6°
 Lumens: 1574.1
 Efficiency: 70.0%

Spill:
 Lumens: 674.6
 Efficiency: 30.0%

- 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	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.6
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.3
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.6	1.8	2.1
80°	0.0	0.3	0.6	0.9	1.1	1.3	1.6	1.9	2.3	2.7	3.1
77.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.6	3.0	3.5	4.0
75°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.2	3.8	4.4	5.1
72.5°	0.0	0.5	1.0	1.5	2.0	2.6	3.2	3.8	4.6	5.4	6.1
70°	0.0	0.6	1.2	1.7	2.4	3.0	3.7	4.6	5.5	6.3	7.5
67.5°	0.0	0.7	1.3	2.0	2.7	3.5	4.4	5.3	6.3	7.6	8.9
65°	0.0	0.7	1.4	2.2	3.1	3.9	5.0	6.1	7.4	8.8	10.4
62.5°	0.0	0.8	1.6	2.5	3.4	4.4	5.6	6.9	8.5	10.1	11.9
60°	0.0	0.8	1.7	2.7	3.7	5.0	6.2	7.8	9.5	11.4	13.4
57.5°	0.0	0.9	1.9	3.0	4.1	5.4	7.0	8.7	10.6	12.8	14.9
55°	0.0	1.0	2.0	3.2	4.5	5.9	7.7	9.5	11.8	14.1	16.4
52.5°	0.0	1.0	2.2	3.4	4.8	6.4	8.4	10.5	12.9	15.4	17.9
50°	0.0	1.1	2.3	3.6	5.2	7.0	9.0	11.4	14.0	16.6	19.3
47.5°	0.0	1.1	2.4	3.8	5.5	7.5	9.7	12.3	15.0	17.9	20.6
45°	0.0	1.2	2.6	4.1	5.8	8.0	10.5	13.2	16.1	19.0	22.0
42.5°	0.0	1.3	2.7	4.3	6.2	8.5	11.2	14.1	17.1	20.2	23.1
40°	0.0	1.3	2.8	4.5	6.5	9.0	11.8	14.9	18.1	21.3	24.2
37.5°	0.0	1.3	2.9	4.7	6.9	9.5	12.5	15.7	19.0	22.3	25.3
35°	0.0	1.4	3.0	4.9	7.2	9.9	13.1	16.4	19.9	23.2	26.2
32.5°	0.0	1.4	3.1	5.1	7.5	10.4	13.6	17.1	20.7	24.0	27.0
30°	0.0	1.5	3.2	5.3	7.8	10.8	14.2	17.8	21.5	24.8	27.8
27.5°	0.0	1.5	3.3	5.4	8.1	11.2	14.7	18.4	22.1	25.5	28.4
25°	0.0	1.5	3.4	5.5	8.3	11.6	15.2	19.0	22.7	26.1	29.1
22.5°	0.0	1.6	3.5	5.7	8.6	11.9	15.6	19.5	23.2	26.6	29.6
20°	0.0	1.6	3.5	5.8	8.8	12.2	16.0	19.9	23.7	27.0	30.0
17.5°	0.0	1.6	3.6	5.9	9.0	12.5	16.3	20.3	24.1	27.4	30.4
15°	0.0	1.6	3.7	5.9	9.1	12.7	16.6	20.7	24.4	27.8	30.7
12.5°	0.0	1.7	3.7	6.0	9.3	12.9	16.9	20.9	24.7	28.1	31.0
10°	0.0	1.7	3.7	6.0	9.4	13.1	17.1	21.2	25.0	28.3	31.2
7.5°	0.0	1.7	3.8	6.1	9.5	13.2	17.3	21.3	25.1	28.5	31.4
5°	0.0	1.7	3.8	6.1	9.5	13.3	17.4	21.5	25.3	28.6	31.5
2.5°	0.0	1.7	3.8	6.1	9.6	13.4	17.5	21.5	25.3	28.6	31.5
0°	0.0	1.7	3.8	6.1	9.6	13.4	17.5	21.5	25.3	28.6	31.5
-2.5°	0.0	1.7	3.8	6.1	9.6	13.4	17.5	21.5	25.3	28.6	31.5
-5°	0.0	1.7	3.8	6.1	9.5	13.3	17.4	21.5	25.3	28.6	31.5
-7.5°	0.0	1.7	3.8	6.1	9.5	13.2	17.3	21.3	25.1	28.5	31.4
-10°	0.0	1.7	3.7	6.0	9.4	13.1	17.1	21.2	25.0	28.3	31.2
-12.5°	0.0	1.7	3.7	6.0	9.3	12.9	16.9	20.9	24.7	28.1	31.0
-15°	0.0	1.6	3.7	5.9	9.1	12.7	16.6	20.7	24.4	27.8	30.7
-17.5°	0.0	1.6	3.6	5.9	9.0	12.5	16.3	20.3	24.1	27.4	30.4
-20°	0.0	1.6	3.5	5.8	8.8	12.2	16.0	19.9	23.7	27.0	30.0



REPORT NUMBER: P558488 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.6	3.5	5.7	8.6	11.9	15.6	19.5	23.2	26.6	29.6
-25°	0.0	1.5	3.4	5.5	8.3	11.6	15.2	19.0	22.7	26.1	29.1
-27.5°	0.0	1.5	3.3	5.4	8.1	11.2	14.7	18.4	22.1	25.5	28.4
-30°	0.0	1.5	3.2	5.3	7.8	10.8	14.2	17.8	21.5	24.8	27.8
-32.5°	0.0	1.4	3.1	5.1	7.5	10.4	13.6	17.1	20.7	24.0	27.0
-35°	0.0	1.4	3.0	4.9	7.2	9.9	13.1	16.4	19.9	23.2	26.2
-37.5°	0.0	1.3	2.9	4.7	6.9	9.5	12.5	15.7	19.0	22.3	25.3
-40°	0.0	1.3	2.8	4.5	6.5	9.0	11.8	14.9	18.1	21.3	24.2
-42.5°	0.0	1.3	2.7	4.3	6.2	8.5	11.2	14.1	17.1	20.2	23.1
-45°	0.0	1.2	2.6	4.1	5.8	8.0	10.5	13.2	16.1	19.0	22.0
-47.5°	0.0	1.1	2.4	3.8	5.5	7.5	9.7	12.3	15.0	17.9	20.6
-50°	0.0	1.1	2.3	3.6	5.2	7.0	9.0	11.4	14.0	16.6	19.3
-52.5°	0.0	1.0	2.2	3.4	4.8	6.4	8.4	10.5	12.9	15.4	17.9
-55°	0.0	1.0	2.0	3.2	4.5	5.9	7.7	9.5	11.8	14.1	16.4
-57.5°	0.0	0.9	1.9	3.0	4.1	5.4	7.0	8.7	10.6	12.8	14.9
-60°	0.0	0.8	1.7	2.7	3.7	5.0	6.2	7.8	9.5	11.4	13.4
-62.5°	0.0	0.8	1.6	2.5	3.4	4.4	5.6	6.9	8.5	10.1	11.9
-65°	0.0	0.7	1.4	2.2	3.1	3.9	5.0	6.1	7.4	8.8	10.4
-67.5°	0.0	0.7	1.3	2.0	2.7	3.5	4.4	5.3	6.3	7.6	8.9
-70°	0.0	0.6	1.2	1.7	2.4	3.0	3.7	4.6	5.5	6.3	7.5
-72.5°	0.0	0.5	1.0	1.5	2.0	2.6	3.2	3.8	4.6	5.4	6.1
-75°	0.0	0.4	0.9	1.3	1.7	2.2	2.6	3.2	3.8	4.4	5.1
-77.5°	0.0	0.4	0.7	1.1	1.4	1.7	2.1	2.6	3.0	3.5	4.0
-80°	0.0	0.3	0.6	0.9	1.1	1.3	1.6	1.9	2.3	2.7	3.1
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.3	1.6	1.8	2.1
-85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.3
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	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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 CATALOG NUMBER: GFLD-SA1A-940-U-TS-XX

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°	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
85°	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
82.5°	2.3	2.5	2.7	2.8	2.9	3.1	3.2	3.5	3.8	4.1	4.4
80°	3.3	3.6	3.9	4.2	4.6	5.0	5.4	5.7	6.1	6.5	6.9
77.5°	4.5	4.9	5.5	6.0	6.6	7.2	7.8	8.4	9.0	9.5	10.0
75°	5.7	6.3	7.2	8.0	8.8	9.6	10.4	11.3	12.0	12.6	13.3
72.5°	7.0	8.1	9.1	10.1	11.1	12.2	13.1	14.0	14.9	15.8	16.7
70°	8.7	9.8	11.1	12.4	13.6	14.7	15.9	17.0	18.1	19.1	20.0
67.5°	10.3	11.7	13.2	14.6	16.0	17.3	18.6	19.9	21.1	22.2	23.1
65°	12.0	13.6	15.2	16.8	18.2	19.8	21.3	22.7	23.9	24.8	25.7
62.5°	13.7	15.5	17.2	18.9	20.6	22.3	23.7	25.0	26.2	27.2	28.2
60°	15.4	17.4	19.2	21.1	22.9	24.4	25.8	27.1	28.3	29.4	30.3
57.5°	17.1	19.2	21.2	23.1	24.8	26.4	27.7	29.1	30.1	31.1	32.0
55°	18.7	20.9	23.0	24.9	26.6	28.1	29.5	30.7	31.7	32.6	33.5
52.5°	20.3	22.6	24.7	26.6	28.3	29.7	31.0	32.1	33.1	34.0	34.8
50°	21.8	24.2	26.4	28.1	29.8	31.2	32.3	33.4	34.4	35.2	35.9
47.5°	23.2	25.7	27.7	29.5	31.1	32.4	33.5	34.6	35.5	36.3	37.0
45°	24.6	26.9	29.0	30.8	32.3	33.5	34.6	35.7	36.5	37.2	37.7
42.5°	25.8	28.1	30.1	32.0	33.3	34.5	35.6	36.6	37.4	38.0	38.5
40°	26.9	29.2	31.2	32.9	34.2	35.3	36.4	37.3	38.1	38.7	39.4
37.5°	27.9	30.2	32.2	33.7	34.9	36.1	37.1	38.0	38.8	39.4	40.2
35°	28.8	31.1	32.9	34.3	35.6	36.8	37.7	38.6	39.4	40.3	41.2
32.5°	29.7	31.9	33.6	34.9	36.2	37.3	38.3	39.2	40.1	41.1	42.3
30°	30.4	32.5	34.1	35.4	36.7	37.8	38.8	39.8	40.7	42.0	43.5
27.5°	31.0	33.1	34.6	35.9	37.2	38.1	39.3	40.3	41.5	42.9	44.8
25°	31.6	33.5	35.0	36.3	37.5	38.5	39.7	40.7	42.2	44.1	46.6
22.5°	32.1	34.0	35.3	36.7	37.7	38.9	40.0	41.2	42.9	45.1	48.5
20°	32.5	34.3	35.6	37.0	37.9	39.2	40.3	41.7	43.6	46.6	50.4
17.5°	32.8	34.5	35.9	37.1	38.2	39.4	40.6	42.0	44.3	47.9	52.2
15°	33.1	34.8	36.1	37.2	38.4	39.6	40.9	42.5	45.1	49.2	53.8
12.5°	33.4	34.9	36.2	37.3	38.5	39.7	41.1	42.9	45.9	50.4	55.4
10°	33.6	35.1	36.3	37.4	38.6	39.8	41.2	43.1	46.6	51.1	56.4
7.5°	33.7	35.1	36.4	37.5	38.7	39.8	41.4	43.2	46.9	51.5	56.9
5°	33.8	35.2	36.4	37.5	38.7	39.8	41.5	43.2	47.1	51.5	57.0
2.5°	33.8	35.3	36.5	37.6	38.8	40.0	41.7	43.5	47.2	51.8	57.2
0°	33.8	35.3	36.5	37.6	38.8	40.1	41.8	43.6	47.2	52.0	57.2
-2.5°	33.8	35.3	36.5	37.6	38.8	40.0	41.7	43.5	47.2	51.8	57.2
-5°	33.8	35.2	36.4	37.5	38.7	39.8	41.5	43.2	47.1	51.5	57.0
-7.5°	33.7	35.1	36.4	37.5	38.7	39.8	41.4	43.2	46.9	51.5	56.9
-10°	33.6	35.1	36.3	37.4	38.6	39.8	41.2	43.1	46.6	51.1	56.4
-12.5°	33.4	34.9	36.2	37.3	38.5	39.7	41.1	42.9	45.9	50.4	55.4
-15°	33.1	34.8	36.1	37.2	38.4	39.6	40.9	42.5	45.1	49.2	53.8
-17.5°	32.8	34.5	35.9	37.1	38.2	39.4	40.6	42.0	44.3	47.9	52.2
-20°	32.5	34.3	35.6	37.0	37.9	39.2	40.3	41.7	43.6	46.6	50.4



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	32.1	34.0	35.3	36.7	37.7	38.9	40.0	41.2	42.9	45.1	48.5
-25°	31.6	33.5	35.0	36.3	37.5	38.5	39.7	40.7	42.2	44.1	46.6
-27.5°	31.0	33.1	34.6	35.9	37.2	38.1	39.3	40.3	41.5	42.9	44.8
-30°	30.4	32.5	34.1	35.4	36.7	37.8	38.8	39.8	40.7	42.0	43.5
-32.5°	29.7	31.9	33.6	34.9	36.2	37.3	38.3	39.2	40.1	41.1	42.3
-35°	28.8	31.1	32.9	34.3	35.6	36.8	37.7	38.6	39.4	40.3	41.2
-37.5°	27.9	30.2	32.2	33.7	34.9	36.1	37.1	38.0	38.8	39.4	40.2
-40°	26.9	29.2	31.2	32.9	34.2	35.3	36.4	37.3	38.1	38.7	39.4
-42.5°	25.8	28.1	30.1	32.0	33.3	34.5	35.6	36.6	37.4	38.0	38.5
-45°	24.6	26.9	29.0	30.8	32.3	33.5	34.6	35.7	36.5	37.2	37.7
-47.5°	23.2	25.7	27.7	29.5	31.1	32.4	33.5	34.6	35.5	36.3	37.0
-50°	21.8	24.2	26.4	28.1	29.8	31.2	32.3	33.4	34.4	35.2	35.9
-52.5°	20.3	22.6	24.7	26.6	28.3	29.7	31.0	32.1	33.1	34.0	34.8
-55°	18.7	20.9	23.0	24.9	26.6	28.1	29.5	30.7	31.7	32.6	33.5
-57.5°	17.1	19.2	21.2	23.1	24.8	26.4	27.7	29.1	30.1	31.1	32.0
-60°	15.4	17.4	19.2	21.1	22.9	24.4	25.8	27.1	28.3	29.4	30.3
-62.5°	13.7	15.5	17.2	18.9	20.6	22.3	23.7	25.0	26.2	27.2	28.2
-65°	12.0	13.6	15.2	16.8	18.2	19.8	21.3	22.7	23.9	24.8	25.7
-67.5°	10.3	11.7	13.2	14.6	16.0	17.3	18.6	19.9	21.1	22.2	23.1
-70°	8.7	9.8	11.1	12.4	13.6	14.7	15.9	17.0	18.1	19.1	20.0
-72.5°	7.0	8.1	9.1	10.1	11.1	12.2	13.1	14.0	14.9	15.8	16.7
-75°	5.7	6.3	7.2	8.0	8.8	9.6	10.4	11.3	12.0	12.6	13.3
-77.5°	4.5	4.9	5.5	6.0	6.6	7.2	7.8	8.4	9.0	9.5	10.0
-80°	3.3	3.6	3.9	4.2	4.6	5.0	5.4	5.7	6.1	6.5	6.9
-82.5°	2.3	2.5	2.7	2.8	2.9	3.1	3.2	3.5	3.8	4.1	4.4
-85°	1.4	1.5	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
-87.5°	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.2
-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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3
85°	2.6	2.8	2.9	3.0	3.2	3.2	3.3	3.4	3.4	3.5	3.5
82.5°	4.7	4.9	5.1	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.2
80°	7.3	7.7	8.0	8.3	8.6	8.8	9.0	9.2	9.3	9.5	9.6
77.5°	10.4	10.9	11.4	11.8	12.2	12.5	12.8	13.1	13.3	13.5	13.8
75°	13.9	14.6	15.1	15.6	16.1	16.5	16.9	17.2	17.5	17.8	18.0
72.5°	17.5	18.2	18.9	19.4	19.9	20.4	20.9	21.3	21.7	22.0	22.2
70°	20.8	21.6	22.3	22.9	23.5	24.1	24.7	25.2	25.7	26.0	26.2
67.5°	23.9	24.7	25.4	26.2	26.9	27.5	28.1	28.7	29.2	29.5	29.7
65°	26.6	27.5	28.3	29.1	29.9	30.4	30.9	31.5	31.9	32.3	32.6
62.5°	29.2	30.1	30.8	31.5	32.1	32.6	33.1	33.6	34.0	34.4	34.8
60°	31.2	32.1	32.8	33.4	33.9	34.5	34.9	35.2	35.5	35.7	36.0
57.5°	32.9	33.7	34.4	34.9	35.4	35.9	36.3	36.5	36.7	36.8	36.9
55°	34.3	35.0	35.6	36.1	36.7	37.1	37.4	37.6	37.7	37.7	37.7
52.5°	35.5	36.2	36.8	37.3	37.7	38.0	38.3	38.4	38.5	38.5	38.5
50°	36.6	37.2	37.7	38.1	38.5	38.9	39.2	39.3	39.3	39.4	39.3
47.5°	37.5	38.0	38.5	39.0	39.4	39.8	40.1	40.3	40.4	40.4	40.4
45°	38.2	38.9	39.4	39.9	40.4	40.9	41.4	41.7	41.9	42.1	42.2
42.5°	39.1	39.8	40.3	41.1	41.8	42.5	43.2	43.8	44.4	45.1	45.6
40°	40.0	40.7	41.6	42.6	43.6	44.5	46.0	47.4	48.5	49.5	50.4
37.5°	41.0	42.0	43.2	44.4	46.0	47.7	49.5	51.4	53.0	54.5	55.7
35°	42.3	43.6	45.0	47.0	49.1	51.2	53.5	56.0	58.1	59.6	60.7
32.5°	43.7	45.4	47.6	50.2	52.8	55.6	58.3	61.1	63.1	65.2	67.4
30°	45.3	47.8	50.7	53.9	57.1	60.4	63.8	67.6	71.2	75.0	80.6
27.5°	47.4	50.4	53.8	57.6	61.4	65.3	71.3	77.8	87.5	95.2	108.3
25°	49.7	53.1	57.1	61.5	66.3	73.2	84.1	97.0	119.8	137.5	164.4
22.5°	52.1	56.2	60.6	65.7	73.3	86.4	105.1	138.2	184.2	229.6	280.2
20°	54.6	59.0	63.9	71.5	84.5	105.3	145.7	217.2	297.0	410.7	506.2
17.5°	56.9	61.6	67.8	78.1	97.5	139.3	217.5	340.0	506.8	690.1	843.0
15°	58.9	63.7	72.1	88.4	121.2	186.3	304.3	512.9	793.2	1044.2	1268.0
12.5°	60.6	66.3	76.7	96.8	141.8	238.1	427.5	723.6	1065.9	1417.9	1701.2
10°	61.8	69.1	82.9	112.2	174.5	299.8	530.1	903.6	1315.8	1743.6	2255.8
7.5°	62.6	71.0	87.6	123.6	203.6	368.4	658.9	1064.4	1537.7	2121.7	2904.2
5°	63.1	72.4	91.1	132.3	223.1	413.8	740.2	1186.1	1729.1	2573.6	4184.1
2.5°	63.4	73.0	93.1	137.0	232.0	437.2	797.4	1255.9	1845.6	2892.4	5070.7
0°	63.3	72.7	93.3	138.0	233.3	455.1	806.9	1275.8	1884.9	2921.0	5355.0
-2.5°	63.4	73.0	93.1	137.0	232.0	437.2	797.4	1255.9	1845.6	2892.4	5070.7
-5°	63.1	72.4	91.1	132.3	223.1	413.8	740.2	1186.1	1729.1	2573.6	4184.1
-7.5°	62.6	71.0	87.6	123.6	203.6	368.4	658.9	1064.4	1537.7	2121.7	2904.2
-10°	61.8	69.1	82.9	112.2	174.5	299.8	530.1	903.6	1315.8	1743.6	2255.8
-12.5°	60.6	66.3	76.7	96.8	141.8	238.1	427.5	723.6	1065.9	1417.9	1701.2
-15°	58.9	63.7	72.1	88.4	121.2	186.3	304.3	512.9	793.2	1044.2	1268.0
-17.5°	56.9	61.6	67.8	78.1	97.5	139.3	217.5	340.0	506.8	690.1	843.0
-20°	54.6	59.0	63.9	71.5	84.5	105.3	145.7	217.2	297.0	410.7	506.2



REPORT NUMBER: P558488 (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°	52.1	56.2	60.6	65.7	73.3	86.4	105.1	138.2	184.2	229.6	280.2
-25°	49.7	53.1	57.1	61.5	66.3	73.2	84.1	97.0	119.8	137.5	164.4
-27.5°	47.4	50.4	53.8	57.6	61.4	65.3	71.3	77.8	87.5	95.2	108.3
-30°	45.3	47.8	50.7	53.9	57.1	60.4	63.8	67.6	71.2	75.0	80.6
-32.5°	43.7	45.4	47.6	50.2	52.8	55.6	58.3	61.1	63.1	65.2	67.4
-35°	42.3	43.6	45.0	47.0	49.1	51.2	53.5	56.0	58.1	59.6	60.7
-37.5°	41.0	42.0	43.2	44.4	46.0	47.7	49.5	51.4	53.0	54.5	55.7
-40°	40.0	40.7	41.6	42.6	43.6	44.5	46.0	47.4	48.5	49.5	50.4
-42.5°	39.1	39.8	40.3	41.1	41.8	42.5	43.2	43.8	44.4	45.1	45.6
-45°	38.2	38.9	39.4	39.9	40.4	40.9	41.4	41.7	41.9	42.1	42.2
-47.5°	37.5	38.0	38.5	39.0	39.4	39.8	40.1	40.3	40.4	40.4	40.4
-50°	36.6	37.2	37.7	38.1	38.5	38.9	39.2	39.3	39.3	39.4	39.3
-52.5°	35.5	36.2	36.8	37.3	37.7	38.0	38.3	38.4	38.5	38.5	38.5
-55°	34.3	35.0	35.6	36.1	36.7	37.1	37.4	37.6	37.7	37.7	37.7
-57.5°	32.9	33.7	34.4	34.9	35.4	35.9	36.3	36.5	36.7	36.8	36.9
-60°	31.2	32.1	32.8	33.4	33.9	34.5	34.9	35.2	35.5	35.7	36.0
-62.5°	29.2	30.1	30.8	31.5	32.1	32.6	33.1	33.6	34.0	34.4	34.8
-65°	26.6	27.5	28.3	29.1	29.9	30.4	30.9	31.5	31.9	32.3	32.6
-67.5°	23.9	24.7	25.4	26.2	26.9	27.5	28.1	28.7	29.2	29.5	29.7
-70°	20.8	21.6	22.3	22.9	23.5	24.1	24.7	25.2	25.7	26.0	26.2
-72.5°	17.5	18.2	18.9	19.4	19.9	20.4	20.9	21.3	21.7	22.0	22.2
-75°	13.9	14.6	15.1	15.6	16.1	16.5	16.9	17.2	17.5	17.8	18.0
-77.5°	10.4	10.9	11.4	11.8	12.2	12.5	12.8	13.1	13.3	13.5	13.8
-80°	7.3	7.7	8.0	8.3	8.6	8.8	9.0	9.2	9.3	9.5	9.6
-82.5°	4.7	4.9	5.1	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.2
-85°	2.6	2.8	2.9	3.0	3.2	3.2	3.3	3.4	3.4	3.5	3.5
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	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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 CATALOG NUMBER: GFLD-SA1A-940-U-TS-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°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.4
82.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.1	6.0	5.9
80°	9.7	9.7	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.3	9.2
77.5°	14.0	14.1	14.2	14.2	14.2	14.1	14.0	13.8	13.5	13.3	13.1
75°	18.2	18.3	18.4	18.4	18.4	18.3	18.2	18.0	17.8	17.5	17.2
72.5°	22.4	22.5	22.7	22.8	22.7	22.5	22.4	22.2	22.0	21.7	21.3
70°	26.3	26.4	26.6	26.7	26.6	26.4	26.3	26.2	26.0	25.7	25.2
67.5°	29.9	30.0	30.0	29.9	30.0	30.0	29.9	29.7	29.5	29.2	28.7
65°	32.9	33.1	33.1	33.0	33.1	33.1	32.9	32.6	32.3	31.9	31.5
62.5°	35.1	35.4	35.5	35.5	35.5	35.4	35.1	34.8	34.4	34.0	33.6
60°	36.1	36.2	36.3	36.3	36.3	36.2	36.1	36.0	35.7	35.5	35.2
57.5°	37.0	37.0	37.0	37.0	37.0	37.0	37.0	36.9	36.8	36.7	36.5
55°	37.8	37.8	37.7	37.6	37.7	37.8	37.8	37.7	37.7	37.7	37.6
52.5°	38.5	38.4	38.3	38.2	38.3	38.4	38.5	38.5	38.5	38.5	38.4
50°	39.3	39.1	39.1	39.1	39.1	39.1	39.3	39.3	39.4	39.3	39.3
47.5°	40.4	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.3
45°	42.3	42.2	42.2	42.2	42.2	42.2	42.3	42.2	42.1	41.9	41.7
42.5°	45.8	45.8	45.8	45.9	45.8	45.8	45.8	45.6	45.1	44.4	43.8
40°	50.7	50.7	50.5	50.5	50.5	50.7	50.7	50.4	49.5	48.5	47.4
37.5°	56.2	56.2	56.0	56.0	56.0	56.2	56.2	55.7	54.5	53.0	51.4
35°	61.3	61.4	61.4	61.2	61.4	61.4	61.3	60.7	59.6	58.1	56.0
32.5°	68.8	70.0	70.6	70.4	70.6	70.0	68.8	67.4	65.2	63.1	61.1
30°	84.1	87.1	88.7	89.4	88.7	87.1	84.1	80.6	75.0	71.2	67.6
27.5°	117.7	124.4	127.4	128.4	127.4	124.4	117.7	108.3	95.2	87.5	77.8
25°	187.8	202.8	210.2	212.6	210.2	202.8	187.8	164.4	137.5	119.8	97.0
22.5°	335.9	364.8	384.5	388.9	384.5	364.8	335.9	280.2	229.6	184.2	138.2
20°	602.2	658.1	688.3	685.6	688.3	658.1	602.2	506.2	410.7	297.0	217.2
17.5°	973.0	1044.6	1078.7	1062.8	1078.7	1044.6	973.0	843.0	690.1	506.8	340.0
15°	1426.4	1523.1	1565.3	1578.4	1565.3	1523.1	1426.4	1268.0	1044.2	793.2	512.9
12.5°	1984.0	2301.2	2452.9	2493.5	2452.9	2301.2	1984.0	1701.2	1417.9	1065.9	723.6
10°	2779.7	3845.7	4479.8	4634.7	4479.8	3845.7	2779.7	2255.8	1743.6	1315.8	903.6
7.5°	4539.4	6705.8	9132.6	10281.8	9132.6	6705.8	4539.4	2904.2	2121.7	1537.7	1064.4
5°	6922.6	12014.7	17633.5	19836.2	17633.5	12014.7	6922.6	4184.1	2573.6	1729.1	1186.1
2.5°	9819.7	18141.3	25905.1	28799.3	25905.1	18141.3	9819.7	5070.7	2892.4	1845.6	1255.9
0°	11043.7	20914.8	28541.9	31021.0	28541.9	20914.8	11043.7	5355.0	2921.0	1884.9	1275.8
-2.5°	9819.7	18141.3	25905.1	28799.3	25905.1	18141.3	9819.7	5070.7	2892.4	1845.6	1255.9
-5°	6922.6	12014.7	17633.5	19836.2	17633.5	12014.7	6922.6	4184.1	2573.6	1729.1	1186.1
-7.5°	4539.4	6705.8	9132.6	10281.8	9132.6	6705.8	4539.4	2904.2	2121.7	1537.7	1064.4
-10°	2779.7	3845.7	4479.8	4634.7	4479.8	3845.7	2779.7	2255.8	1743.6	1315.8	903.6
-12.5°	1984.0	2301.2	2452.9	2493.5	2452.9	2301.2	1984.0	1701.2	1417.9	1065.9	723.6
-15°	1426.4	1523.1	1565.3	1578.4	1565.3	1523.1	1426.4	1268.0	1044.2	793.2	512.9
-17.5°	973.0	1044.6	1078.7	1062.8	1078.7	1044.6	973.0	843.0	690.1	506.8	340.0
-20°	602.2	658.1	688.3	685.6	688.3	658.1	602.2	506.2	410.7	297.0	217.2



REPORT NUMBER: P558488 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-TS-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	335.9	364.8	384.5	388.9	384.5	364.8	335.9	280.2	229.6	184.2	138.2
-25°	187.8	202.8	210.2	212.6	210.2	202.8	187.8	164.4	137.5	119.8	97.0
-27.5°	117.7	124.4	127.4	128.4	127.4	124.4	117.7	108.3	95.2	87.5	77.8
-30°	84.1	87.1	88.7	89.4	88.7	87.1	84.1	80.6	75.0	71.2	67.6
-32.5°	68.8	70.0	70.6	70.4	70.6	70.0	68.8	67.4	65.2	63.1	61.1
-35°	61.3	61.4	61.4	61.2	61.4	61.4	61.3	60.7	59.6	58.1	56.0
-37.5°	56.2	56.2	56.0	56.0	56.0	56.2	56.2	55.7	54.5	53.0	51.4
-40°	50.7	50.7	50.5	50.5	50.5	50.7	50.7	50.4	49.5	48.5	47.4
-42.5°	45.8	45.8	45.8	45.9	45.8	45.8	45.8	45.6	45.1	44.4	43.8
-45°	42.3	42.2	42.2	42.2	42.2	42.2	42.3	42.2	42.1	41.9	41.7
-47.5°	40.4	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.3
-50°	39.3	39.1	39.1	39.1	39.1	39.1	39.3	39.3	39.4	39.3	39.3
-52.5°	38.5	38.4	38.3	38.2	38.3	38.4	38.5	38.5	38.5	38.5	38.4
-55°	37.8	37.8	37.7	37.6	37.7	37.8	37.8	37.7	37.7	37.7	37.6
-57.5°	37.0	37.0	37.0	37.0	37.0	37.0	37.0	36.9	36.8	36.7	36.5
-60°	36.1	36.2	36.3	36.3	36.3	36.2	36.1	36.0	35.7	35.5	35.2
-62.5°	35.1	35.4	35.5	35.5	35.5	35.4	35.1	34.8	34.4	34.0	33.6
-65°	32.9	33.1	33.1	33.0	33.1	33.1	32.9	32.6	32.3	31.9	31.5
-67.5°	29.9	30.0	30.0	29.9	30.0	30.0	29.9	29.7	29.5	29.2	28.7
-70°	26.3	26.4	26.6	26.7	26.6	26.4	26.3	26.2	26.0	25.7	25.2
-72.5°	22.4	22.5	22.7	22.8	22.7	22.5	22.4	22.2	22.0	21.7	21.3
-75°	18.2	18.3	18.4	18.4	18.4	18.3	18.2	18.0	17.8	17.5	17.2
-77.5°	14.0	14.1	14.2	14.2	14.2	14.1	14.0	13.8	13.5	13.3	13.1
-80°	9.7	9.7	9.8	9.8	9.8	9.7	9.7	9.6	9.5	9.3	9.2
-82.5°	6.2	6.3	6.3	6.3	6.3	6.3	6.2	6.2	6.1	6.0	5.9
-85°	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.5	3.5	3.4	3.4
-87.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558488 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-TS-XX

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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	1.1
85°	3.3	3.2	3.2	3.0	2.9	2.8	2.6	2.5	2.4	2.3	2.2
82.5°	5.8	5.7	5.5	5.4	5.1	4.9	4.7	4.4	4.1	3.8	3.5
80°	9.0	8.8	8.6	8.3	8.0	7.7	7.3	6.9	6.5	6.1	5.7
77.5°	12.8	12.5	12.2	11.8	11.4	10.9	10.4	10.0	9.5	9.0	8.4
75°	16.9	16.5	16.1	15.6	15.1	14.6	13.9	13.3	12.6	12.0	11.3
72.5°	20.9	20.4	19.9	19.4	18.9	18.2	17.5	16.7	15.8	14.9	14.0
70°	24.7	24.1	23.5	22.9	22.3	21.6	20.8	20.0	19.1	18.1	17.0
67.5°	28.1	27.5	26.9	26.2	25.4	24.7	23.9	23.1	22.2	21.1	19.9
65°	30.9	30.4	29.9	29.1	28.3	27.5	26.6	25.7	24.8	23.9	22.7
62.5°	33.1	32.6	32.1	31.5	30.8	30.1	29.2	28.2	27.2	26.2	25.0
60°	34.9	34.5	33.9	33.4	32.8	32.1	31.2	30.3	29.4	28.3	27.1
57.5°	36.3	35.9	35.4	34.9	34.4	33.7	32.9	32.0	31.1	30.1	29.1
55°	37.4	37.1	36.7	36.1	35.6	35.0	34.3	33.5	32.6	31.7	30.7
52.5°	38.3	38.0	37.7	37.3	36.8	36.2	35.5	34.8	34.0	33.1	32.1
50°	39.2	38.9	38.5	38.1	37.7	37.2	36.6	35.9	35.2	34.4	33.4
47.5°	40.1	39.8	39.4	39.0	38.5	38.0	37.5	37.0	36.3	35.5	34.6
45°	41.4	40.9	40.4	39.9	39.4	38.9	38.2	37.7	37.2	36.5	35.7
42.5°	43.2	42.5	41.8	41.1	40.3	39.8	39.1	38.5	38.0	37.4	36.6
40°	46.0	44.5	43.6	42.6	41.6	40.7	40.0	39.4	38.7	38.1	37.3
37.5°	49.5	47.7	46.0	44.4	43.2	42.0	41.0	40.2	39.4	38.8	38.0
35°	53.5	51.2	49.1	47.0	45.0	43.6	42.3	41.2	40.3	39.4	38.6
32.5°	58.3	55.6	52.8	50.2	47.6	45.4	43.7	42.3	41.1	40.1	39.2
30°	63.8	60.4	57.1	53.9	50.7	47.8	45.3	43.5	42.0	40.7	39.8
27.5°	71.3	65.3	61.4	57.6	53.8	50.4	47.4	44.8	42.9	41.5	40.3
25°	84.1	73.2	66.3	61.5	57.1	53.1	49.7	46.6	44.1	42.2	40.7
22.5°	105.1	86.4	73.3	65.7	60.6	56.2	52.1	48.5	45.1	42.9	41.2
20°	145.7	105.3	84.5	71.5	63.9	59.0	54.6	50.4	46.6	43.6	41.7
17.5°	217.5	139.3	97.5	78.1	67.8	61.6	56.9	52.2	47.9	44.3	42.0
15°	304.3	186.3	121.2	88.4	72.1	63.7	58.9	53.8	49.2	45.1	42.5
12.5°	427.5	238.1	141.8	96.8	76.7	66.3	60.6	55.4	50.4	45.9	42.9
10°	530.1	299.8	174.5	112.2	82.9	69.1	61.8	56.4	51.1	46.6	43.1
7.5°	658.9	368.4	203.6	123.6	87.6	71.0	62.6	56.9	51.5	46.9	43.2
5°	740.2	413.8	223.1	132.3	91.1	72.4	63.1	57.0	51.5	47.1	43.2
2.5°	797.4	437.2	232.0	137.0	93.1	73.0	63.4	57.2	51.8	47.2	43.5
0°	806.9	455.1	233.3	138.0	93.3	72.7	63.3	57.2	52.0	47.2	43.6
-2.5°	797.4	437.2	232.0	137.0	93.1	73.0	63.4	57.2	51.8	47.2	43.5
-5°	740.2	413.8	223.1	132.3	91.1	72.4	63.1	57.0	51.5	47.1	43.2
-7.5°	658.9	368.4	203.6	123.6	87.6	71.0	62.6	56.9	51.5	46.9	43.2
-10°	530.1	299.8	174.5	112.2	82.9	69.1	61.8	56.4	51.1	46.6	43.1
-12.5°	427.5	238.1	141.8	96.8	76.7	66.3	60.6	55.4	50.4	45.9	42.9
-15°	304.3	186.3	121.2	88.4	72.1	63.7	58.9	53.8	49.2	45.1	42.5
-17.5°	217.5	139.3	97.5	78.1	67.8	61.6	56.9	52.2	47.9	44.3	42.0
-20°	145.7	105.3	84.5	71.5	63.9	59.0	54.6	50.4	46.6	43.6	41.7



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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°	105.1	86.4	73.3	65.7	60.6	56.2	52.1	48.5	45.1	42.9	41.2
-25°	84.1	73.2	66.3	61.5	57.1	53.1	49.7	46.6	44.1	42.2	40.7
-27.5°	71.3	65.3	61.4	57.6	53.8	50.4	47.4	44.8	42.9	41.5	40.3
-30°	63.8	60.4	57.1	53.9	50.7	47.8	45.3	43.5	42.0	40.7	39.8
-32.5°	58.3	55.6	52.8	50.2	47.6	45.4	43.7	42.3	41.1	40.1	39.2
-35°	53.5	51.2	49.1	47.0	45.0	43.6	42.3	41.2	40.3	39.4	38.6
-37.5°	49.5	47.7	46.0	44.4	43.2	42.0	41.0	40.2	39.4	38.8	38.0
-40°	46.0	44.5	43.6	42.6	41.6	40.7	40.0	39.4	38.7	38.1	37.3
-42.5°	43.2	42.5	41.8	41.1	40.3	39.8	39.1	38.5	38.0	37.4	36.6
-45°	41.4	40.9	40.4	39.9	39.4	38.9	38.2	37.7	37.2	36.5	35.7
-47.5°	40.1	39.8	39.4	39.0	38.5	38.0	37.5	37.0	36.3	35.5	34.6
-50°	39.2	38.9	38.5	38.1	37.7	37.2	36.6	35.9	35.2	34.4	33.4
-52.5°	38.3	38.0	37.7	37.3	36.8	36.2	35.5	34.8	34.0	33.1	32.1
-55°	37.4	37.1	36.7	36.1	35.6	35.0	34.3	33.5	32.6	31.7	30.7
-57.5°	36.3	35.9	35.4	34.9	34.4	33.7	32.9	32.0	31.1	30.1	29.1
-60°	34.9	34.5	33.9	33.4	32.8	32.1	31.2	30.3	29.4	28.3	27.1
-62.5°	33.1	32.6	32.1	31.5	30.8	30.1	29.2	28.2	27.2	26.2	25.0
-65°	30.9	30.4	29.9	29.1	28.3	27.5	26.6	25.7	24.8	23.9	22.7
-67.5°	28.1	27.5	26.9	26.2	25.4	24.7	23.9	23.1	22.2	21.1	19.9
-70°	24.7	24.1	23.5	22.9	22.3	21.6	20.8	20.0	19.1	18.1	17.0
-72.5°	20.9	20.4	19.9	19.4	18.9	18.2	17.5	16.7	15.8	14.9	14.0
-75°	16.9	16.5	16.1	15.6	15.1	14.6	13.9	13.3	12.6	12.0	11.3
-77.5°	12.8	12.5	12.2	11.8	11.4	10.9	10.4	10.0	9.5	9.0	8.4
-80°	9.0	8.8	8.6	8.3	8.0	7.7	7.3	6.9	6.5	6.1	5.7
-82.5°	5.8	5.7	5.5	5.4	5.1	4.9	4.7	4.4	4.1	3.8	3.5
-85°	3.3	3.2	3.2	3.0	2.9	2.8	2.6	2.5	2.4	2.3	2.2
-87.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1	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



REPORT NUMBER: P558488 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5
85°	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0	0.9
82.5°	3.2	3.1	2.9	2.8	2.7	2.5	2.3	2.1	1.8	1.6	1.3
80°	5.4	5.0	4.6	4.2	3.9	3.6	3.3	3.1	2.7	2.3	1.9
77.5°	7.8	7.2	6.6	6.0	5.5	4.9	4.5	4.0	3.5	3.0	2.6
75°	10.4	9.6	8.8	8.0	7.2	6.3	5.7	5.1	4.4	3.8	3.2
72.5°	13.1	12.2	11.1	10.1	9.1	8.1	7.0	6.1	5.4	4.6	3.8
70°	15.9	14.7	13.6	12.4	11.1	9.8	8.7	7.5	6.3	5.5	4.6
67.5°	18.6	17.3	16.0	14.6	13.2	11.7	10.3	8.9	7.6	6.3	5.3
65°	21.3	19.8	18.2	16.8	15.2	13.6	12.0	10.4	8.8	7.4	6.1
62.5°	23.7	22.3	20.6	18.9	17.2	15.5	13.7	11.9	10.1	8.5	6.9
60°	25.8	24.4	22.9	21.1	19.2	17.4	15.4	13.4	11.4	9.5	7.8
57.5°	27.7	26.4	24.8	23.1	21.2	19.2	17.1	14.9	12.8	10.6	8.7
55°	29.5	28.1	26.6	24.9	23.0	20.9	18.7	16.4	14.1	11.8	9.5
52.5°	31.0	29.7	28.3	26.6	24.7	22.6	20.3	17.9	15.4	12.9	10.5
50°	32.3	31.2	29.8	28.1	26.4	24.2	21.8	19.3	16.6	14.0	11.4
47.5°	33.5	32.4	31.1	29.5	27.7	25.7	23.2	20.6	17.9	15.0	12.3
45°	34.6	33.5	32.3	30.8	29.0	26.9	24.6	22.0	19.0	16.1	13.2
42.5°	35.6	34.5	33.3	32.0	30.1	28.1	25.8	23.1	20.2	17.1	14.1
40°	36.4	35.3	34.2	32.9	31.2	29.2	26.9	24.2	21.3	18.1	14.9
37.5°	37.1	36.1	34.9	33.7	32.2	30.2	27.9	25.3	22.3	19.0	15.7
35°	37.7	36.8	35.6	34.3	32.9	31.1	28.8	26.2	23.2	19.9	16.4
32.5°	38.3	37.3	36.2	34.9	33.6	31.9	29.7	27.0	24.0	20.7	17.1
30°	38.8	37.8	36.7	35.4	34.1	32.5	30.4	27.8	24.8	21.5	17.8
27.5°	39.3	38.1	37.2	35.9	34.6	33.1	31.0	28.4	25.5	22.1	18.4
25°	39.7	38.5	37.5	36.3	35.0	33.5	31.6	29.1	26.1	22.7	19.0
22.5°	40.0	38.9	37.7	36.7	35.3	34.0	32.1	29.6	26.6	23.2	19.5
20°	40.3	39.2	37.9	37.0	35.6	34.3	32.5	30.0	27.0	23.7	19.9
17.5°	40.6	39.4	38.2	37.1	35.9	34.5	32.8	30.4	27.4	24.1	20.3
15°	40.9	39.6	38.4	37.2	36.1	34.8	33.1	30.7	27.8	24.4	20.7
12.5°	41.1	39.7	38.5	37.3	36.2	34.9	33.4	31.0	28.1	24.7	20.9
10°	41.2	39.8	38.6	37.4	36.3	35.1	33.6	31.2	28.3	25.0	21.2
7.5°	41.4	39.8	38.7	37.5	36.4	35.1	33.7	31.4	28.5	25.1	21.3
5°	41.5	39.8	38.7	37.5	36.4	35.2	33.8	31.5	28.6	25.3	21.5
2.5°	41.7	40.0	38.8	37.6	36.5	35.3	33.8	31.5	28.6	25.3	21.5
0°	41.8	40.1	38.8	37.6	36.5	35.3	33.8	31.5	28.6	25.3	21.5
-2.5°	41.7	40.0	38.8	37.6	36.5	35.3	33.8	31.5	28.6	25.3	21.5
-5°	41.5	39.8	38.7	37.5	36.4	35.2	33.8	31.5	28.6	25.3	21.5
-7.5°	41.4	39.8	38.7	37.5	36.4	35.1	33.7	31.4	28.5	25.1	21.3
-10°	41.2	39.8	38.6	37.4	36.3	35.1	33.6	31.2	28.3	25.0	21.2
-12.5°	41.1	39.7	38.5	37.3	36.2	34.9	33.4	31.0	28.1	24.7	20.9
-15°	40.9	39.6	38.4	37.2	36.1	34.8	33.1	30.7	27.8	24.4	20.7
-17.5°	40.6	39.4	38.2	37.1	35.9	34.5	32.8	30.4	27.4	24.1	20.3
-20°	40.3	39.2	37.9	37.0	35.6	34.3	32.5	30.0	27.0	23.7	19.9



REPORT NUMBER: P558488 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	40.0	38.9	37.7	36.7	35.3	34.0	32.1	29.6	26.6	23.2	19.5
-25°	39.7	38.5	37.5	36.3	35.0	33.5	31.6	29.1	26.1	22.7	19.0
-27.5°	39.3	38.1	37.2	35.9	34.6	33.1	31.0	28.4	25.5	22.1	18.4
-30°	38.8	37.8	36.7	35.4	34.1	32.5	30.4	27.8	24.8	21.5	17.8
-32.5°	38.3	37.3	36.2	34.9	33.6	31.9	29.7	27.0	24.0	20.7	17.1
-35°	37.7	36.8	35.6	34.3	32.9	31.1	28.8	26.2	23.2	19.9	16.4
-37.5°	37.1	36.1	34.9	33.7	32.2	30.2	27.9	25.3	22.3	19.0	15.7
-40°	36.4	35.3	34.2	32.9	31.2	29.2	26.9	24.2	21.3	18.1	14.9
-42.5°	35.6	34.5	33.3	32.0	30.1	28.1	25.8	23.1	20.2	17.1	14.1
-45°	34.6	33.5	32.3	30.8	29.0	26.9	24.6	22.0	19.0	16.1	13.2
-47.5°	33.5	32.4	31.1	29.5	27.7	25.7	23.2	20.6	17.9	15.0	12.3
-50°	32.3	31.2	29.8	28.1	26.4	24.2	21.8	19.3	16.6	14.0	11.4
-52.5°	31.0	29.7	28.3	26.6	24.7	22.6	20.3	17.9	15.4	12.9	10.5
-55°	29.5	28.1	26.6	24.9	23.0	20.9	18.7	16.4	14.1	11.8	9.5
-57.5°	27.7	26.4	24.8	23.1	21.2	19.2	17.1	14.9	12.8	10.6	8.7
-60°	25.8	24.4	22.9	21.1	19.2	17.4	15.4	13.4	11.4	9.5	7.8
-62.5°	23.7	22.3	20.6	18.9	17.2	15.5	13.7	11.9	10.1	8.5	6.9
-65°	21.3	19.8	18.2	16.8	15.2	13.6	12.0	10.4	8.8	7.4	6.1
-67.5°	18.6	17.3	16.0	14.6	13.2	11.7	10.3	8.9	7.6	6.3	5.3
-70°	15.9	14.7	13.6	12.4	11.1	9.8	8.7	7.5	6.3	5.5	4.6
-72.5°	13.1	12.2	11.1	10.1	9.1	8.1	7.0	6.1	5.4	4.6	3.8
-75°	10.4	9.6	8.8	8.0	7.2	6.3	5.7	5.1	4.4	3.8	3.2
-77.5°	7.8	7.2	6.6	6.0	5.5	4.9	4.5	4.0	3.5	3.0	2.6
-80°	5.4	5.0	4.6	4.2	3.9	3.6	3.3	3.1	2.7	2.3	1.9
-82.5°	3.2	3.1	2.9	2.8	2.7	2.5	2.3	2.1	1.8	1.6	1.3
-85°	2.1	2.0	1.9	1.8	1.6	1.5	1.4	1.3	1.1	1.0	0.9
-87.5°	1.0	1.0	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	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°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.3	1.1	0.9	0.6	0.3	0.0
77.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
75°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
72.5°	3.2	2.6	2.0	1.5	1.0	0.5	0.0
70°	3.7	3.0	2.4	1.7	1.2	0.6	0.0
67.5°	4.4	3.5	2.7	2.0	1.3	0.7	0.0
65°	5.0	3.9	3.1	2.2	1.4	0.7	0.0
62.5°	5.6	4.4	3.4	2.5	1.6	0.8	0.0
60°	6.2	5.0	3.7	2.7	1.7	0.8	0.0
57.5°	7.0	5.4	4.1	3.0	1.9	0.9	0.0
55°	7.7	5.9	4.5	3.2	2.0	1.0	0.0
52.5°	8.4	6.4	4.8	3.4	2.2	1.0	0.0
50°	9.0	7.0	5.2	3.6	2.3	1.1	0.0
47.5°	9.7	7.5	5.5	3.8	2.4	1.1	0.0
45°	10.5	8.0	5.8	4.1	2.6	1.2	0.0
42.5°	11.2	8.5	6.2	4.3	2.7	1.3	0.0
40°	11.8	9.0	6.5	4.5	2.8	1.3	0.0
37.5°	12.5	9.5	6.9	4.7	2.9	1.3	0.0
35°	13.1	9.9	7.2	4.9	3.0	1.4	0.0
32.5°	13.6	10.4	7.5	5.1	3.1	1.4	0.0
30°	14.2	10.8	7.8	5.3	3.2	1.5	0.0
27.5°	14.7	11.2	8.1	5.4	3.3	1.5	0.0
25°	15.2	11.6	8.3	5.5	3.4	1.5	0.0
22.5°	15.6	11.9	8.6	5.7	3.5	1.6	0.0
20°	16.0	12.2	8.8	5.8	3.5	1.6	0.0
17.5°	16.3	12.5	9.0	5.9	3.6	1.6	0.0
15°	16.6	12.7	9.1	5.9	3.7	1.6	0.0
12.5°	16.9	12.9	9.3	6.0	3.7	1.7	0.0
10°	17.1	13.1	9.4	6.0	3.7	1.7	0.0
7.5°	17.3	13.2	9.5	6.1	3.8	1.7	0.0
5°	17.4	13.3	9.5	6.1	3.8	1.7	0.0
2.5°	17.5	13.4	9.6	6.1	3.8	1.7	0.0
0°	17.5	13.4	9.6	6.1	3.8	1.7	0.0
-2.5°	17.5	13.4	9.6	6.1	3.8	1.7	0.0
-5°	17.4	13.3	9.5	6.1	3.8	1.7	0.0
-7.5°	17.3	13.2	9.5	6.1	3.8	1.7	0.0
-10°	17.1	13.1	9.4	6.0	3.7	1.7	0.0
-12.5°	16.9	12.9	9.3	6.0	3.7	1.7	0.0
-15°	16.6	12.7	9.1	5.9	3.7	1.6	0.0
-17.5°	16.3	12.5	9.0	5.9	3.6	1.6	0.0
-20°	16.0	12.2	8.8	5.8	3.5	1.6	0.0



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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.6	11.9	8.6	5.7	3.5	1.6	0.0
-25°	15.2	11.6	8.3	5.5	3.4	1.5	0.0
-27.5°	14.7	11.2	8.1	5.4	3.3	1.5	0.0
-30°	14.2	10.8	7.8	5.3	3.2	1.5	0.0
-32.5°	13.6	10.4	7.5	5.1	3.1	1.4	0.0
-35°	13.1	9.9	7.2	4.9	3.0	1.4	0.0
-37.5°	12.5	9.5	6.9	4.7	2.9	1.3	0.0
-40°	11.8	9.0	6.5	4.5	2.8	1.3	0.0
-42.5°	11.2	8.5	6.2	4.3	2.7	1.3	0.0
-45°	10.5	8.0	5.8	4.1	2.6	1.2	0.0
-47.5°	9.7	7.5	5.5	3.8	2.4	1.1	0.0
-50°	9.0	7.0	5.2	3.6	2.3	1.1	0.0
-52.5°	8.4	6.4	4.8	3.4	2.2	1.0	0.0
-55°	7.7	5.9	4.5	3.2	2.0	1.0	0.0
-57.5°	7.0	5.4	4.1	3.0	1.9	0.9	0.0
-60°	6.2	5.0	3.7	2.7	1.7	0.8	0.0
-62.5°	5.6	4.4	3.4	2.5	1.6	0.8	0.0
-65°	5.0	3.9	3.1	2.2	1.4	0.7	0.0
-67.5°	4.4	3.5	2.7	2.0	1.3	0.7	0.0
-70°	3.7	3.0	2.4	1.7	1.2	0.6	0.0
-72.5°	3.2	2.6	2.0	1.5	1.0	0.5	0.0
-75°	2.6	2.2	1.7	1.3	0.9	0.4	0.0
-77.5°	2.1	1.7	1.4	1.1	0.7	0.4	0.0
-80°	1.6	1.3	1.1	0.9	0.6	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)