

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: P558489 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558489 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-1)
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-TSB-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (16) 4000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

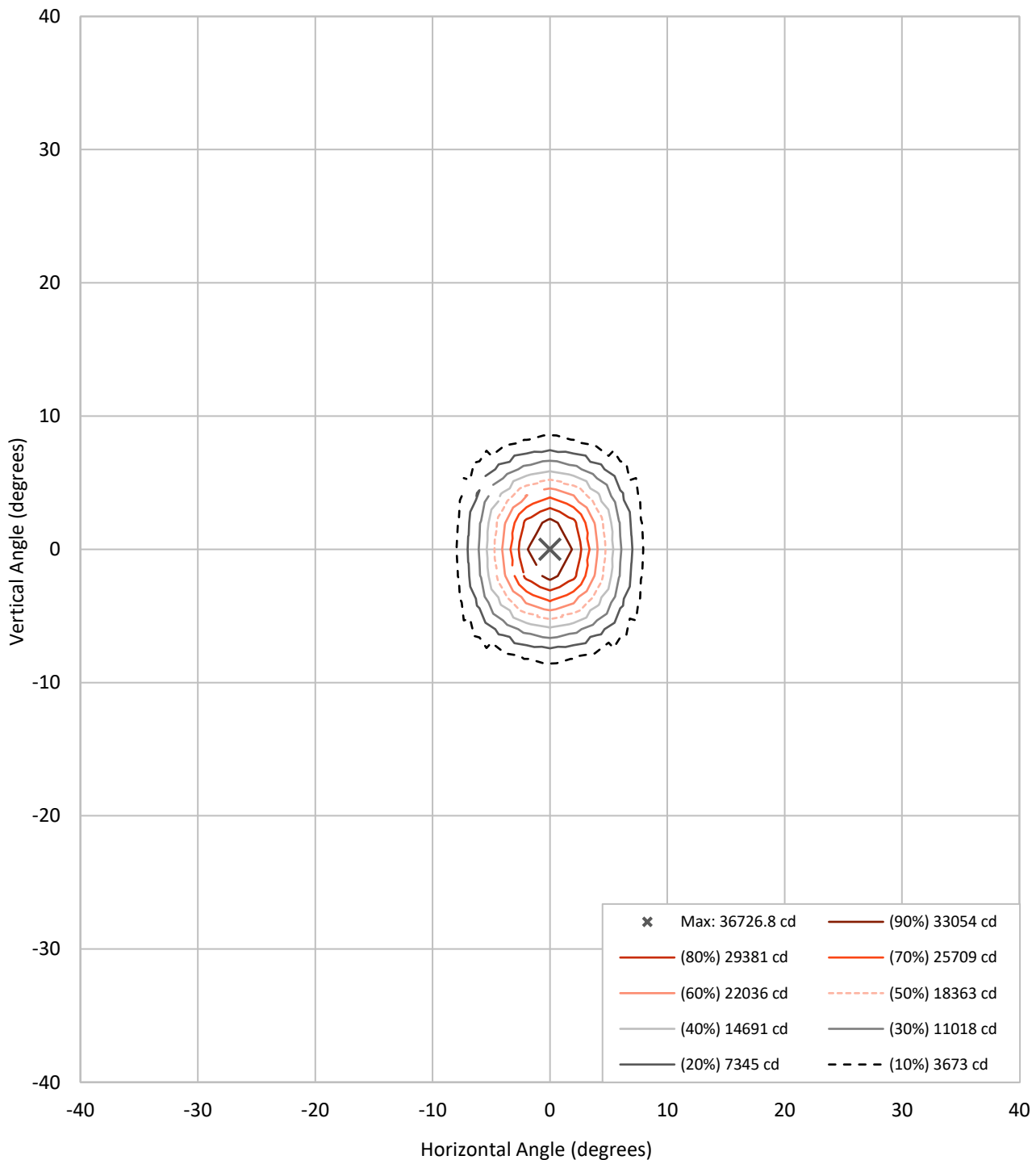
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	1430.2 lumens	Max Intensity:	36726.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	613 lumens	Field Lumens:	1056.5 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

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



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Iso-Candela Plot





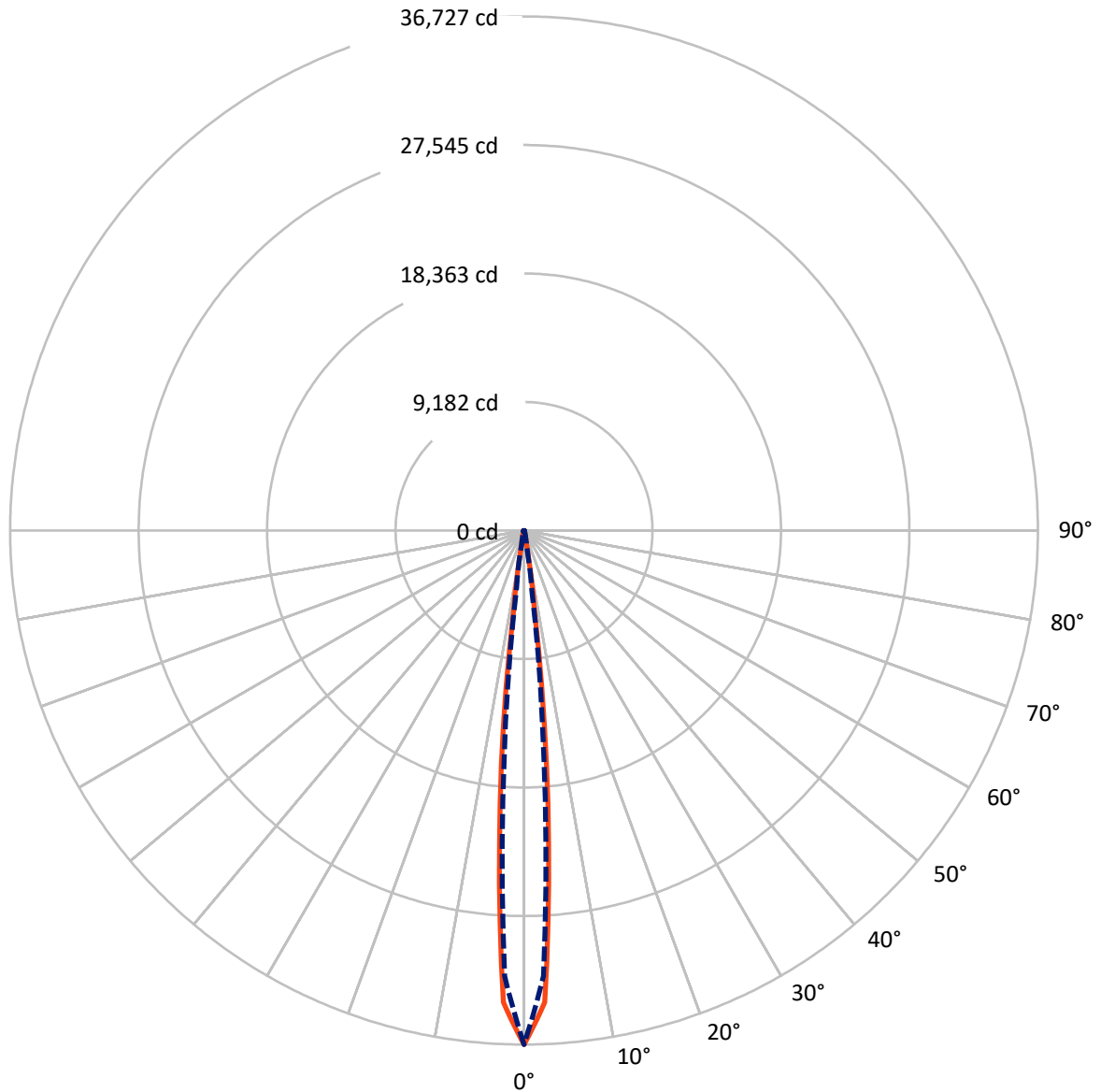
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Lumen Table

90																			
80	0.0	0.0		0.1		0.3		0.6		0.3		0.1		0.0		0.0			
70																			
60	0.0	0.0	0.1	0.2	0.2	0.3	0.5	0.9	0.9	0.5	0.3	0.2	0.2	0.1	0.0	0.0			
50		0.1	0.1	0.3	0.5	0.6	0.9	1.2	1.2	0.9	0.6	0.5	0.3	0.1	0.1				
40	0.1	0.1	0.2	0.5	0.8	1.2	1.6	1.9	1.9	1.6	1.2	0.8	0.5	0.2	0.1	0.1			
30		0.2	0.3	0.7	1.3	1.7	1.9	2.0	2.0	1.9	1.7	1.3	0.7	0.3	0.2				
20	0.1	0.2	0.4	1.0	1.5	1.8	2.5	3.3	3.3	2.5	1.8	1.5	1.0	0.4	0.2	0.1			
10		0.3	0.6	1.2	1.7	2.4	4.9	9.8	9.8	4.9	2.4	1.7	1.2	0.6	0.3				
0	0.2	0.4	0.7	1.4	1.8	3.1	9.7	287.4	287.4	9.7	3.1	1.8	1.4	0.7	0.4	0.2			
-10		0.4	0.7	1.4	1.8	3.1	9.7	287.4	287.4	9.7	3.1	1.8	1.4	0.7	0.4				
-20	0.1	0.3	0.6	1.2	1.7	2.4	4.9	9.8	9.8	4.9	2.4	1.7	1.2	0.6	0.3	0.1			
-30		0.2	0.4	1.0	1.5	1.8	2.5	3.3	3.3	2.5	1.8	1.5	1.0	0.4	0.2				
-40	0.1	0.2	0.3	0.7	1.3	1.7	1.9	2.0	2.0	1.9	1.7	1.3	0.7	0.3	0.2	0.1			
-50		0.1	0.2	0.5	0.8	1.2	1.6	1.9	1.9	1.6	1.2	0.8	0.5	0.2	0.1				
-60	0.0	0.1	0.1	0.3	0.5	0.6	0.9	1.2	1.2	0.9	0.6	0.5	0.3	0.1	0.1	0.0			
-70		0.0	0.1	0.2	0.2	0.3	0.5	0.9	0.9	0.5	0.3	0.2	0.2	0.1	0.0				
-80																			
-90	0.0	0.0		0.1		0.3		0.6		0.3		0.1		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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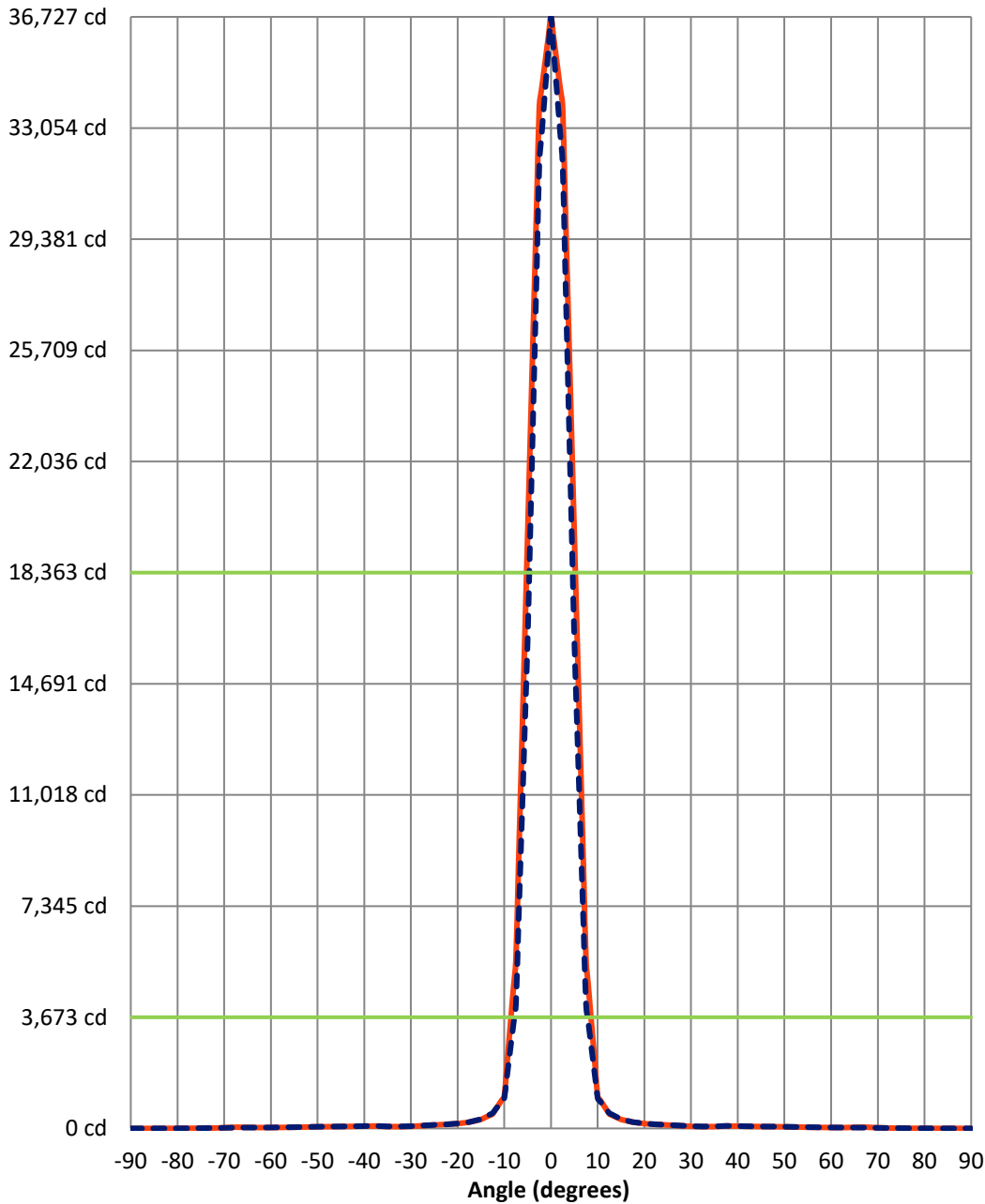
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 10.4°
Lumens: 613
Efficiency: 42.9%

Field:
H Angle: 15.7°
V Angle: 17.1°
Lumens: 1056.5
Efficiency: 73.9%

Spill:
Lumens: 373.7
Efficiency: 26.1%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg



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FIELD
 BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.6
72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.6	0.7	0.8
70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.8	0.9	1.1
67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.6	0.8	0.9	1.2	1.5
65°	0.0	0.2	0.3	0.4	0.4	0.5	0.7	0.9	1.3	1.6	1.9
62.5°	0.0	0.2	0.4	0.4	0.4	0.6	0.9	1.2	1.6	2.0	2.5
60°	0.0	0.2	0.4	0.4	0.4	0.8	1.0	1.5	1.9	2.5	3.0
57.5°	0.0	0.2	0.4	0.4	0.5	0.9	1.3	1.8	2.4	3.0	3.6
55°	0.0	0.2	0.4	0.4	0.6	1.0	1.6	2.1	2.9	3.6	4.3
52.5°	0.0	0.2	0.4	0.4	0.7	1.2	1.9	2.6	3.4	4.3	5.0
50°	0.0	0.3	0.4	0.4	0.9	1.5	2.2	3.1	3.9	4.9	5.9
47.5°	0.0	0.3	0.4	0.4	1.0	1.7	2.5	3.6	4.5	5.6	6.8
45°	0.0	0.3	0.4	0.5	1.1	2.0	3.0	4.2	5.2	6.4	7.7
42.5°	0.0	0.3	0.4	0.6	1.2	2.2	3.5	4.8	6.0	7.3	8.7
40°	0.0	0.3	0.4	0.7	1.4	2.5	4.0	5.5	6.8	8.2	9.9
37.5°	0.0	0.3	0.4	0.7	1.6	2.8	4.5	6.1	7.7	9.3	11.0
35°	0.0	0.3	0.5	0.8	1.8	3.1	5.0	6.8	8.7	10.5	12.2
32.5°	0.0	0.3	0.5	0.9	1.9	3.5	5.5	7.5	9.6	11.9	13.6
30°	0.0	0.3	0.5	0.9	2.1	3.9	6.1	8.3	10.6	13.3	15.2
27.5°	0.0	0.4	0.5	1.0	2.2	4.3	6.6	9.1	11.6	14.7	17.0
25°	0.0	0.4	0.5	1.0	2.3	4.6	7.2	9.8	12.8	16.2	18.9
22.5°	0.0	0.4	0.5	1.0	2.4	4.9	7.7	10.6	13.9	17.7	20.6
20°	0.0	0.4	0.5	1.0	2.5	5.0	8.2	11.3	15.1	19.4	22.2
17.5°	0.0	0.4	0.5	1.0	2.5	5.1	8.5	12.1	16.2	21.0	23.7
15°	0.0	0.4	0.5	1.1	2.5	5.1	8.6	12.6	17.4	22.7	25.3
12.5°	0.0	0.4	0.5	1.1	2.5	5.1	8.7	12.9	18.1	24.4	26.8
10°	0.0	0.4	0.6	1.1	2.5	5.1	8.7	13.1	18.4	25.1	27.9
7.5°	0.0	0.4	0.6	1.0	2.5	5.0	8.7	13.3	18.7	25.5	28.1
5°	0.0	0.4	0.6	1.0	2.4	4.9	8.6	13.5	18.9	25.7	28.2
2.5°	0.0	0.4	0.6	1.0	2.4	4.8	8.5	13.6	19.0	25.9	28.3
0°	0.0	0.4	0.6	1.0	2.3	4.6	8.4	13.6	19.0	25.9	28.4
-2.5°	0.0	0.4	0.6	1.0	2.4	4.8	8.5	13.6	19.0	25.9	28.3
-5°	0.0	0.4	0.6	1.0	2.4	4.9	8.6	13.5	18.9	25.7	28.2
-7.5°	0.0	0.4	0.6	1.0	2.5	5.0	8.7	13.3	18.7	25.5	28.1
-10°	0.0	0.4	0.6	1.1	2.5	5.1	8.7	13.1	18.4	25.1	27.9
-12.5°	0.0	0.4	0.5	1.1	2.5	5.1	8.7	12.9	18.1	24.4	26.8
-15°	0.0	0.4	0.5	1.1	2.5	5.1	8.6	12.6	17.4	22.7	25.3
-17.5°	0.0	0.4	0.5	1.0	2.5	5.1	8.5	12.1	16.2	21.0	23.7
-20°	0.0	0.4	0.5	1.0	2.5	5.0	8.2	11.3	15.1	19.4	22.2



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 CATALOG NUMBER: GFLD-SA1A-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.4	0.5	1.0	2.4	4.9	7.7	10.6	13.9	17.7	20.6
-25°	0.0	0.4	0.5	1.0	2.3	4.6	7.2	9.8	12.8	16.2	18.9
-27.5°	0.0	0.4	0.5	1.0	2.2	4.3	6.6	9.1	11.6	14.7	17.0
-30°	0.0	0.3	0.5	0.9	2.1	3.9	6.1	8.3	10.6	13.3	15.2
-32.5°	0.0	0.3	0.5	0.9	1.9	3.5	5.5	7.5	9.6	11.9	13.6
-35°	0.0	0.3	0.5	0.8	1.8	3.1	5.0	6.8	8.7	10.5	12.2
-37.5°	0.0	0.3	0.4	0.7	1.6	2.8	4.5	6.1	7.7	9.3	11.0
-40°	0.0	0.3	0.4	0.7	1.4	2.5	4.0	5.5	6.8	8.2	9.9
-42.5°	0.0	0.3	0.4	0.6	1.2	2.2	3.5	4.8	6.0	7.3	8.7
-45°	0.0	0.3	0.4	0.5	1.1	2.0	3.0	4.2	5.2	6.4	7.7
-47.5°	0.0	0.3	0.4	0.4	1.0	1.7	2.5	3.6	4.5	5.6	6.8
-50°	0.0	0.3	0.4	0.4	0.9	1.5	2.2	3.1	3.9	4.9	5.9
-52.5°	0.0	0.2	0.4	0.4	0.7	1.2	1.9	2.6	3.4	4.3	5.0
-55°	0.0	0.2	0.4	0.4	0.6	1.0	1.6	2.1	2.9	3.6	4.3
-57.5°	0.0	0.2	0.4	0.4	0.5	0.9	1.3	1.8	2.4	3.0	3.6
-60°	0.0	0.2	0.4	0.4	0.4	0.8	1.0	1.5	1.9	2.5	3.0
-62.5°	0.0	0.2	0.4	0.4	0.4	0.6	0.9	1.2	1.6	2.0	2.5
-65°	0.0	0.2	0.3	0.4	0.4	0.5	0.7	0.9	1.3	1.6	1.9
-67.5°	0.0	0.2	0.3	0.4	0.4	0.4	0.6	0.8	0.9	1.2	1.5
-70°	0.0	0.1	0.3	0.4	0.4	0.4	0.4	0.6	0.8	0.9	1.1
-72.5°	0.0	0.1	0.2	0.4	0.4	0.4	0.4	0.4	0.6	0.7	0.8
-75°	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.6
-77.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-80°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4
-82.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4
-85°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3
-87.5°	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-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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 CATALOG NUMBER: GFLD-SA1A-940-U-TSB-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°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
85°	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6
80°	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0
77.5°	0.5	0.6	0.7	0.7	0.8	1.0	1.2	1.3	1.4	1.6	1.8
75°	0.7	0.8	1.0	1.2	1.5	1.6	1.8	2.0	2.3	2.6	2.9
72.5°	1.0	1.2	1.5	1.8	2.2	2.5	2.7	3.0	3.5	4.0	4.3
70°	1.4	1.7	2.1	2.6	3.0	3.4	4.0	4.7	5.4	5.7	5.9
67.5°	1.8	2.3	2.8	3.3	4.0	4.6	5.5	6.2	6.9	7.1	7.4
65°	2.3	2.9	3.5	4.2	4.9	5.7	6.5	7.3	8.1	8.5	8.9
62.5°	2.8	3.5	4.3	5.1	5.9	6.7	7.7	8.5	9.1	9.9	10.8
60°	3.5	4.2	5.0	5.9	6.8	8.0	9.0	9.9	10.7	11.6	12.9
57.5°	4.2	4.9	5.8	6.8	8.1	9.4	10.5	11.5	12.7	13.9	15.2
55°	5.0	5.6	6.6	7.9	9.3	10.9	12.2	13.5	14.9	16.0	17.2
52.5°	5.8	6.4	7.4	8.9	10.6	12.4	14.1	15.5	16.8	18.0	19.4
50°	6.7	7.4	8.2	10.0	11.9	13.9	15.9	17.4	18.8	20.2	21.7
47.5°	7.8	8.5	9.2	11.1	13.2	15.3	17.4	19.2	20.8	22.7	24.4
45°	8.9	9.7	10.5	12.3	14.5	16.6	18.9	21.1	23.3	25.5	28.3
42.5°	10.0	11.0	12.1	13.5	15.6	18.0	20.4	23.3	26.1	29.2	32.8
40°	11.2	12.3	13.6	14.8	16.7	19.3	22.3	25.6	29.5	33.5	37.9
37.5°	12.4	13.6	15.0	16.2	17.9	20.9	24.2	28.3	33.1	38.1	43.7
35°	13.5	14.9	16.2	17.7	19.6	22.5	26.6	31.3	37.0	43.4	48.5
32.5°	14.6	16.1	17.4	19.2	21.6	24.6	28.9	34.8	41.4	47.9	51.3
30°	15.9	17.1	18.7	20.7	23.5	27.3	32.0	38.4	45.9	50.3	53.5
27.5°	17.8	18.2	19.9	22.3	25.5	30.0	35.8	42.5	48.7	52.5	55.4
25°	19.6	20.0	21.1	23.9	27.9	33.2	39.7	47.3	51.0	54.2	57.5
22.5°	21.3	21.8	23.1	25.5	30.2	36.4	44.0	50.6	54.1	56.2	59.8
20°	22.9	23.7	25.3	28.0	32.6	39.5	48.1	53.7	57.1	59.6	62.9
17.5°	24.5	25.5	27.5	30.8	35.9	42.9	51.9	56.8	60.1	62.5	66.6
15°	26.0	27.3	29.7	33.5	39.0	46.6	54.4	59.3	62.9	65.2	70.0
12.5°	27.5	29.0	31.7	35.9	41.8	49.8	56.6	61.0	64.5	68.1	73.0
10°	28.9	30.7	33.6	38.2	44.3	52.5	58.3	62.3	65.8	70.4	75.5
7.5°	29.1	31.6	35.2	40.3	46.5	54.9	59.8	63.3	67.1	72.5	77.8
5°	29.1	31.5	35.3	40.8	47.6	56.2	60.8	64.1	68.3	74.4	79.9
2.5°	29.1	31.3	35.4	41.0	47.8	56.4	61.0	64.3	69.1	76.2	81.7
0°	29.0	31.1	35.3	41.0	47.8	56.2	61.0	64.4	69.6	77.9	83.4
-2.5°	29.1	31.3	35.4	41.0	47.8	56.4	61.0	64.3	69.1	76.2	81.7
-5°	29.1	31.5	35.3	40.8	47.6	56.2	60.8	64.1	68.3	74.4	79.9
-7.5°	29.1	31.6	35.2	40.3	46.5	54.9	59.8	63.3	67.1	72.5	77.8
-10°	28.9	30.7	33.6	38.2	44.3	52.5	58.3	62.3	65.8	70.4	75.5
-12.5°	27.5	29.0	31.7	35.9	41.8	49.8	56.6	61.0	64.5	68.1	73.0
-15°	26.0	27.3	29.7	33.5	39.0	46.6	54.4	59.3	62.9	65.2	70.0
-17.5°	24.5	25.5	27.5	30.8	35.9	42.9	51.9	56.8	60.1	62.5	66.6
-20°	22.9	23.7	25.3	28.0	32.6	39.5	48.1	53.7	57.1	59.6	62.9



REPORT NUMBER: P558489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	21.3	21.8	23.1	25.5	30.2	36.4	44.0	50.6	54.1	56.2	59.8
-25°	19.6	20.0	21.1	23.9	27.9	33.2	39.7	47.3	51.0	54.2	57.5
-27.5°	17.8	18.2	19.9	22.3	25.5	30.0	35.8	42.5	48.7	52.5	55.4
-30°	15.9	17.1	18.7	20.7	23.5	27.3	32.0	38.4	45.9	50.3	53.5
-32.5°	14.6	16.1	17.4	19.2	21.6	24.6	28.9	34.8	41.4	47.9	51.3
-35°	13.5	14.9	16.2	17.7	19.6	22.5	26.6	31.3	37.0	43.4	48.5
-37.5°	12.4	13.6	15.0	16.2	17.9	20.9	24.2	28.3	33.1	38.1	43.7
-40°	11.2	12.3	13.6	14.8	16.7	19.3	22.3	25.6	29.5	33.5	37.9
-42.5°	10.0	11.0	12.1	13.5	15.6	18.0	20.4	23.3	26.1	29.2	32.8
-45°	8.9	9.7	10.5	12.3	14.5	16.6	18.9	21.1	23.3	25.5	28.3
-47.5°	7.8	8.5	9.2	11.1	13.2	15.3	17.4	19.2	20.8	22.7	24.4
-50°	6.7	7.4	8.2	10.0	11.9	13.9	15.9	17.4	18.8	20.2	21.7
-52.5°	5.8	6.4	7.4	8.9	10.6	12.4	14.1	15.5	16.8	18.0	19.4
-55°	5.0	5.6	6.6	7.9	9.3	10.9	12.2	13.5	14.9	16.0	17.2
-57.5°	4.2	4.9	5.8	6.8	8.1	9.4	10.5	11.5	12.7	13.9	15.2
-60°	3.5	4.2	5.0	5.9	6.8	8.0	9.0	9.9	10.7	11.6	12.9
-62.5°	2.8	3.5	4.3	5.1	5.9	6.7	7.7	8.5	9.1	9.9	10.8
-65°	2.3	2.9	3.5	4.2	4.9	5.7	6.5	7.3	8.1	8.5	8.9
-67.5°	1.8	2.3	2.8	3.3	4.0	4.6	5.5	6.2	6.9	7.1	7.4
-70°	1.4	1.7	2.1	2.6	3.0	3.4	4.0	4.7	5.4	5.7	5.9
-72.5°	1.0	1.2	1.5	1.8	2.2	2.5	2.7	3.0	3.5	4.0	4.3
-75°	0.7	0.8	1.0	1.2	1.5	1.6	1.8	2.0	2.3	2.6	2.9
-77.5°	0.5	0.6	0.7	0.7	0.8	1.0	1.2	1.3	1.4	1.6	1.8
-80°	0.4	0.4	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.9	1.0
-82.5°	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.6
-85°	0.3	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
-87.5°	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
-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: P558489 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8
80°	1.1	1.2	1.3	1.3	1.4	1.5	1.7	1.9	2.1	2.2	2.2
77.5°	2.0	2.1	2.2	2.3	2.3	2.7	3.1	3.5	4.0	4.2	4.4
75°	3.1	3.3	3.4	3.5	3.6	4.1	4.8	5.6	6.4	6.8	7.1
72.5°	4.6	4.7	4.8	5.0	5.0	5.8	7.1	8.5	10.1	11.0	11.7
70°	6.1	6.3	6.4	6.5	6.6	7.5	9.4	11.5	13.6	15.7	17.9
67.5°	7.7	8.1	8.3	8.3	8.4	9.2	11.3	13.2	15.0	18.8	24.8
65°	9.5	10.3	10.6	10.8	10.8	11.2	13.0	14.6	16.0	19.0	23.5
62.5°	11.7	12.8	13.3	13.5	13.7	13.7	15.1	16.4	17.6	19.5	22.4
60°	14.2	15.3	15.9	16.1	16.2	16.2	17.4	18.7	19.9	21.4	24.1
57.5°	16.4	17.5	18.4	18.7	19.0	19.1	20.2	21.7	23.2	24.7	27.6
55°	18.5	19.8	21.0	21.7	22.3	22.9	23.9	25.9	27.8	29.5	32.6
52.5°	20.8	22.5	24.1	25.4	26.6	27.6	28.7	31.2	33.7	36.1	39.0
50°	23.5	25.6	28.0	30.0	31.8	33.5	35.0	38.0	41.4	44.6	47.7
47.5°	27.0	29.8	32.8	35.7	38.1	40.7	43.1	46.2	49.2	52.2	54.7
45°	31.3	35.1	38.6	42.5	45.8	47.6	49.0	51.0	54.0	56.9	59.3
42.5°	36.8	41.2	45.6	48.4	50.6	52.0	53.0	54.0	57.2	60.1	62.4
40°	42.9	47.3	50.0	52.3	53.9	55.1	56.7	58.2	60.8	63.7	66.2
37.5°	48.2	51.0	53.4	55.2	57.0	58.7	61.0	63.3	65.7	68.9	71.3
35°	51.4	53.9	56.3	58.6	60.9	63.5	66.4	69.7	72.7	70.0	66.1
32.5°	53.9	56.5	59.4	62.9	66.1	69.7	73.2	67.5	61.6	59.2	59.7
30°	56.1	59.1	63.1	67.7	72.1	70.5	62.6	59.9	60.7	62.3	65.5
27.5°	58.4	62.1	67.0	72.7	69.2	60.4	60.9	62.5	67.9	72.5	79.5
25°	61.2	65.6	71.7	69.0	61.0	61.8	65.9	72.0	82.3	91.9	100.3
22.5°	64.5	70.1	70.9	61.0	62.1	67.4	75.6	88.8	101.4	113.0	121.7
20°	67.8	74.4	64.3	62.2	66.9	76.3	91.6	106.8	120.7	131.1	139.8
17.5°	71.8	69.5	62.4	64.6	74.1	90.3	107.5	123.6	136.8	154.8	170.1
15°	75.4	64.9	63.5	70.9	85.1	103.4	122.1	136.5	160.3	186.1	212.2
12.5°	73.3	63.2	65.6	76.5	95.1	114.9	131.4	154.3	185.8	223.5	280.0
10°	70.3	64.2	70.0	84.2	103.7	123.0	140.2	170.1	211.8	280.8	369.7
7.5°	68.0	64.6	72.8	90.1	110.1	127.9	150.7	187.1	245.1	339.8	529.3
5°	66.3	64.6	74.2	93.6	113.9	131.3	157.3	199.5	277.8	412.7	736.5
2.5°	65.5	64.2	74.5	95.4	115.7	133.1	161.4	208.3	298.4	480.5	968.4
0°	66.0	63.5	74.4	96.1	116.8	132.9	161.9	211.0	304.6	505.6	999.5
-2.5°	65.5	64.2	74.5	95.4	115.7	133.1	161.4	208.3	298.4	480.5	968.4
-5°	66.3	64.6	74.2	93.6	113.9	131.3	157.3	199.5	277.8	412.7	736.5
-7.5°	68.0	64.6	72.8	90.1	110.1	127.9	150.7	187.1	245.1	339.8	529.3
-10°	70.3	64.2	70.0	84.2	103.7	123.0	140.2	170.1	211.8	280.8	369.7
-12.5°	73.3	63.2	65.6	76.5	95.1	114.9	131.4	154.3	185.8	223.5	280.0
-15°	75.4	64.9	63.5	70.9	85.1	103.4	122.1	136.5	160.3	186.1	212.2
-17.5°	71.8	69.5	62.4	64.6	74.1	90.3	107.5	123.6	136.8	154.8	170.1
-20°	67.8	74.4	64.3	62.2	66.9	76.3	91.6	106.8	120.7	131.1	139.8



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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°	64.5	70.1	70.9	61.0	62.1	67.4	75.6	88.8	101.4	113.0	121.7
-25°	61.2	65.6	71.7	69.0	61.0	61.8	65.9	72.0	82.3	91.9	100.3
-27.5°	58.4	62.1	67.0	72.7	69.2	60.4	60.9	62.5	67.9	72.5	79.5
-30°	56.1	59.1	63.1	67.7	72.1	70.5	62.6	59.9	60.7	62.3	65.5
-32.5°	53.9	56.5	59.4	62.9	66.1	69.7	73.2	67.5	61.6	59.2	59.7
-35°	51.4	53.9	56.3	58.6	60.9	63.5	66.4	69.7	72.7	70.0	66.1
-37.5°	48.2	51.0	53.4	55.2	57.0	58.7	61.0	63.3	65.7	68.9	71.3
-40°	42.9	47.3	50.0	52.3	53.9	55.1	56.7	58.2	60.8	63.7	66.2
-42.5°	36.8	41.2	45.6	48.4	50.6	52.0	53.0	54.0	57.2	60.1	62.4
-45°	31.3	35.1	38.6	42.5	45.8	47.6	49.0	51.0	54.0	56.9	59.3
-47.5°	27.0	29.8	32.8	35.7	38.1	40.7	43.1	46.2	49.2	52.2	54.7
-50°	23.5	25.6	28.0	30.0	31.8	33.5	35.0	38.0	41.4	44.6	47.7
-52.5°	20.8	22.5	24.1	25.4	26.6	27.6	28.7	31.2	33.7	36.1	39.0
-55°	18.5	19.8	21.0	21.7	22.3	22.9	23.9	25.9	27.8	29.5	32.6
-57.5°	16.4	17.5	18.4	18.7	19.0	19.1	20.2	21.7	23.2	24.7	27.6
-60°	14.2	15.3	15.9	16.1	16.2	16.2	17.4	18.7	19.9	21.4	24.1
-62.5°	11.7	12.8	13.3	13.5	13.7	13.7	15.1	16.4	17.6	19.5	22.4
-65°	9.5	10.3	10.6	10.8	10.8	11.2	13.0	14.6	16.0	19.0	23.5
-67.5°	7.7	8.1	8.3	8.3	8.4	9.2	11.3	13.2	15.0	18.8	24.8
-70°	6.1	6.3	6.4	6.5	6.6	7.5	9.4	11.5	13.6	15.7	17.9
-72.5°	4.6	4.7	4.8	5.0	5.0	5.8	7.1	8.5	10.1	11.0	11.7
-75°	3.1	3.3	3.4	3.5	3.6	4.1	4.8	5.6	6.4	6.8	7.1
-77.5°	2.0	2.1	2.2	2.3	2.3	2.7	3.1	3.5	4.0	4.2	4.4
-80°	1.1	1.2	1.3	1.3	1.4	1.5	1.7	1.9	2.1	2.2	2.2
-82.5°	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8
-85°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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):

	-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
80°	2.2	2.3	2.2	2.1	2.2	2.3	2.2	2.2	2.2	2.1	1.9
77.5°	4.6	4.7	4.6	4.4	4.6	4.7	4.6	4.4	4.2	4.0	3.5
75°	7.4	7.6	7.5	7.3	7.5	7.6	7.4	7.1	6.8	6.4	5.6
72.5°	12.4	13.0	12.8	12.5	12.8	13.0	12.4	11.7	11.0	10.1	8.5
70°	20.3	22.6	22.5	21.9	22.5	22.6	20.3	17.9	15.7	13.6	11.5
67.5°	31.2	38.0	40.1	41.2	40.1	38.0	31.2	24.8	18.8	15.0	13.2
65°	27.8	31.9	33.5	34.7	33.5	31.9	27.8	23.5	19.0	16.0	14.6
62.5°	25.0	27.4	27.9	28.0	27.9	27.4	25.0	22.4	19.5	17.6	16.4
60°	26.8	29.3	29.7	29.3	29.7	29.3	26.8	24.1	21.4	19.9	18.7
57.5°	30.4	33.1	33.6	33.0	33.6	33.1	30.4	27.6	24.7	23.2	21.7
55°	35.5	38.2	39.1	38.9	39.1	38.2	35.5	32.6	29.5	27.8	25.9
52.5°	41.8	44.3	45.3	45.3	45.3	44.3	41.8	39.0	36.1	33.7	31.2
50°	50.4	52.6	53.7	53.9	53.7	52.6	50.4	47.7	44.6	41.4	38.0
47.5°	56.6	58.0	58.8	58.9	58.8	58.0	56.6	54.7	52.2	49.2	46.2
45°	60.4	61.1	61.7	62.3	61.7	61.1	60.4	59.3	56.9	54.0	51.0
42.5°	63.9	65.6	66.8	67.1	66.8	65.6	63.9	62.4	60.1	57.2	54.0
40°	68.7	71.0	73.1	75.4	73.1	71.0	68.7	66.2	63.7	60.8	58.2
37.5°	73.8	76.3	78.4	79.6	78.4	76.3	73.8	71.3	68.9	65.7	63.3
35°	63.4	61.8	60.8	60.4	60.8	61.8	63.4	66.1	70.0	72.7	69.7
32.5°	60.0	60.2	60.0	59.5	60.0	60.2	60.0	59.7	59.2	61.6	67.5
30°	67.8	68.9	69.0	68.9	69.0	68.9	67.8	65.5	62.3	60.7	59.9
27.5°	84.6	87.4	88.3	90.0	88.3	87.4	84.6	79.5	72.5	67.9	62.5
25°	106.8	111.1	113.1	113.9	113.1	111.1	106.8	100.3	91.9	82.3	72.0
22.5°	126.5	129.8	131.7	133.3	131.7	129.8	126.5	121.7	113.0	101.4	88.8
20°	149.9	155.9	158.6	158.8	158.6	155.9	149.9	139.8	131.1	120.7	106.8
17.5°	186.4	198.0	203.8	205.4	203.8	198.0	186.4	170.1	154.8	136.8	123.6
15°	244.0	273.5	288.7	295.8	288.7	273.5	244.0	212.2	186.1	160.3	136.5
12.5°	338.0	404.5	458.3	478.5	458.3	404.5	338.0	280.0	223.5	185.8	154.3
10°	524.1	722.7	954.6	1062.8	954.6	722.7	524.1	369.7	280.8	211.8	170.1
7.5°	1013.9	2354.2	4562.8	5616.3	4562.8	2354.2	1013.9	529.3	339.8	245.1	187.1
5°	2161.2	9327.1	16703.7	19619.9	16703.7	9327.1	2161.2	736.5	412.7	277.8	199.5
2.5°	3442.3	15297.7	28864.3	33750.8	28864.3	15297.7	3442.3	968.4	480.5	298.4	208.3
0°	4112.9	16120.9	31851.1	36726.8	31851.1	16120.9	4112.9	999.5	505.6	304.6	211.0
-2.5°	3442.3	15297.7	28864.3	33750.8	28864.3	15297.7	3442.3	968.4	480.5	298.4	208.3
-5°	2161.2	9327.1	16703.7	19619.9	16703.7	9327.1	2161.2	736.5	412.7	277.8	199.5
-7.5°	1013.9	2354.2	4562.8	5616.3	4562.8	2354.2	1013.9	529.3	339.8	245.1	187.1
-10°	524.1	722.7	954.6	1062.8	954.6	722.7	524.1	369.7	280.8	211.8	170.1
-12.5°	338.0	404.5	458.3	478.5	458.3	404.5	338.0	280.0	223.5	185.8	154.3
-15°	244.0	273.5	288.7	295.8	288.7	273.5	244.0	212.2	186.1	160.3	136.5
-17.5°	186.4	198.0	203.8	205.4	203.8	198.0	186.4	170.1	154.8	136.8	123.6
-20°	149.9	155.9	158.6	158.8	158.6	155.9	149.9	139.8	131.1	120.7	106.8



REPORT NUMBER: P558489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-TSB-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	126.5	129.8	131.7	133.3	131.7	129.8	126.5	121.7	113.0	101.4	88.8
-25°	106.8	111.1	113.1	113.9	113.1	111.1	106.8	100.3	91.9	82.3	72.0
-27.5°	84.6	87.4	88.3	90.0	88.3	87.4	84.6	79.5	72.5	67.9	62.5
-30°	67.8	68.9	69.0	68.9	69.0	68.9	67.8	65.5	62.3	60.7	59.9
-32.5°	60.0	60.2	60.0	59.5	60.0	60.2	60.0	59.7	59.2	61.6	67.5
-35°	63.4	61.8	60.8	60.4	60.8	61.8	63.4	66.1	70.0	72.7	69.7
-37.5°	73.8	76.3	78.4	79.6	78.4	76.3	73.8	71.3	68.9	65.7	63.3
-40°	68.7	71.0	73.1	75.4	73.1	71.0	68.7	66.2	63.7	60.8	58.2
-42.5°	63.9	65.6	66.8	67.1	66.8	65.6	63.9	62.4	60.1	57.2	54.0
-45°	60.4	61.1	61.7	62.3	61.7	61.1	60.4	59.3	56.9	54.0	51.0
-47.5°	56.6	58.0	58.8	58.9	58.8	58.0	56.6	54.7	52.2	49.2	46.2
-50°	50.4	52.6	53.7	53.9	53.7	52.6	50.4	47.7	44.6	41.4	38.0
-52.5°	41.8	44.3	45.3	45.3	45.3	44.3	41.8	39.0	36.1	33.7	31.2
-55°	35.5	38.2	39.1	38.9	39.1	38.2	35.5	32.6	29.5	27.8	25.9
-57.5°	30.4	33.1	33.6	33.0	33.6	33.1	30.4	27.6	24.7	23.2	21.7
-60°	26.8	29.3	29.7	29.3	29.7	29.3	26.8	24.1	21.4	19.9	18.7
-62.5°	25.0	27.4	27.9	28.0	27.9	27.4	25.0	22.4	19.5	17.6	16.4
-65°	27.8	31.9	33.5	34.7	33.5	31.9	27.8	23.5	19.0	16.0	14.6
-67.5°	31.2	38.0	40.1	41.2	40.1	38.0	31.2	24.8	18.8	15.0	13.2
-70°	20.3	22.6	22.5	21.9	22.5	22.6	20.3	17.9	15.7	13.6	11.5
-72.5°	12.4	13.0	12.8	12.5	12.8	13.0	12.4	11.7	11.0	10.1	8.5
-75°	7.4	7.6	7.5	7.3	7.5	7.6	7.4	7.1	6.8	6.4	5.6
-77.5°	4.6	4.7	4.6	4.4	4.6	4.7	4.6	4.4	4.2	4.0	3.5
-80°	2.2	2.3	2.2	2.1	2.2	2.3	2.2	2.2	2.2	2.1	1.9
-82.5°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7
-85°	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
-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: P558489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-TSB-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
82.5°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.4
80°	1.7	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.7
77.5°	3.1	2.7	2.3	2.3	2.2	2.1	2.0	1.8	1.6	1.4	1.3
75°	4.8	4.1	3.6	3.5	3.4	3.3	3.1	2.9	2.6	2.3	2.0
72.5°	7.1	5.8	5.0	5.0	4.8	4.7	4.6	4.3	4.0	3.5	3.0
70°	9.4	7.5	6.6	6.5	6.4	6.3	6.1	5.9	5.7	5.4	4.7
67.5°	11.3	9.2	8.4	8.3	8.3	8.1	7.7	7.4	7.1	6.9	6.2
65°	13.0	11.2	10.8	10.8	10.6	10.3	9.5	8.9	8.5	8.1	7.3
62.5°	15.1	13.7	13.7	13.5	13.3	12.8	11.7	10.8	9.9	9.1	8.5
60°	17.4	16.2	16.2	16.1	15.9	15.3	14.2	12.9	11.6	10.7	9.9
57.5°	20.2	19.1	19.0	18.7	18.4	17.5	16.4	15.2	13.9	12.7	11.5
55°	23.9	22.9	22.3	21.7	21.0	19.8	18.5	17.2	16.0	14.9	13.5
52.5°	28.7	27.6	26.6	25.4	24.1	22.5	20.8	19.4	18.0	16.8	15.5
50°	35.0	33.5	31.8	30.0	28.0	25.6	23.5	21.7	20.2	18.8	17.4
47.5°	43.1	40.7	38.1	35.7	32.8	29.8	27.0	24.4	22.7	20.8	19.2
45°	49.0	47.6	45.8	42.5	38.6	35.1	31.3	28.3	25.5	23.3	21.1
42.5°	53.0	52.0	50.6	48.4	45.6	41.2	36.8	32.8	29.2	26.1	23.3
40°	56.7	55.1	53.9	52.3	50.0	47.3	42.9	37.9	33.5	29.5	25.6
37.5°	61.0	58.7	57.0	55.2	53.4	51.0	48.2	43.7	38.1	33.1	28.3
35°	66.4	63.5	60.9	58.6	56.3	53.9	51.4	48.5	43.4	37.0	31.3
32.5°	73.2	69.7	66.1	62.9	59.4	56.5	53.9	51.3	47.9	41.4	34.8
30°	82.6	78.5	74.1	70.7	67.1	63.1	59.1	56.1	53.5	50.3	45.9
27.5°	91.6	87.4	82.9	79.2	75.0	71.0	67.0	63.4	60.2	57.5	53.5
25°	101.4	97.1	92.5	88.6	84.3	80.3	76.3	72.7	69.5	66.7	63.3
22.5°	111.4	107.0	102.3	98.2	93.8	89.7	85.7	82.1	78.9	76.1	72.7
20°	121.4	117.0	112.3	108.2	103.8	99.7	95.7	92.1	88.9	86.1	82.7
17.5°	131.4	127.0	122.3	118.2	113.8	109.7	105.7	102.1	98.9	96.1	92.7
15°	141.4	137.0	132.3	128.2	123.8	119.7	115.7	112.1	108.9	106.1	102.7
12.5°	151.4	147.0	142.3	138.2	133.8	129.7	125.7	122.1	118.9	116.1	112.7
10°	161.4	157.0	152.3	148.2	143.8	139.7	135.7	132.1	128.9	126.1	122.7
7.5°	171.4	167.0	162.3	158.2	153.8	149.7	145.7	142.1	138.9	136.1	132.7
5°	181.4	177.0	172.3	168.2	163.8	159.7	155.7	152.1	148.9	146.1	142.7
2.5°	191.4	187.0	182.3	178.2	173.8	169.7	165.7	162.1	158.9	156.1	152.7
0°	191.9	182.9	166.8	96.1	74.4	63.5	66.0	83.4	77.9	69.6	64.4
-2.5°	181.4	177.0	172.3	168.2	163.8	159.7	155.7	152.1	148.9	146.1	142.7
-5°	171.4	167.0	162.3	158.2	153.8	149.7	145.7	142.1	138.9	136.1	132.7
-7.5°	161.4	157.0	152.3	148.2	143.8	139.7	135.7	132.1	128.9	126.1	122.7
-10°	151.4	147.0	142.3	138.2	133.8	129.7	125.7	122.1	118.9	116.1	112.7
-12.5°	141.4	137.0	132.3	128.2	123.8	119.7	115.7	112.1	108.9	106.1	102.7
-15°	131.4	127.0	122.3	118.2	113.8	109.7	105.7	102.1	98.9	96.1	92.7
-17.5°	121.4	117.0	112.3	108.2	103.8	99.7	95.7	92.1	88.9	86.1	82.7
-20°	111.4	107.0	102.3	98.2	93.8	89.7	85.7	82.1	78.9	76.1	72.7



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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°	75.6	67.4	62.1	61.0	70.9	70.1	64.5	59.8	56.2	54.1	50.6
-25°	65.9	61.8	61.0	69.0	71.7	65.6	61.2	57.5	54.2	51.0	47.3
-27.5°	60.9	60.4	69.2	72.7	67.0	62.1	58.4	55.4	52.5	48.7	42.5
-30°	62.6	70.5	72.1	67.7	63.1	59.1	56.1	53.5	50.3	45.9	38.4
-32.5°	73.2	69.7	66.1	62.9	59.4	56.5	53.9	51.3	47.9	41.4	34.8
-35°	66.4	63.5	60.9	58.6	56.3	53.9	51.4	48.5	43.4	37.0	31.3
-37.5°	61.0	58.7	57.0	55.2	53.4	51.0	48.2	43.7	38.1	33.1	28.3
-40°	56.7	55.1	53.9	52.3	50.0	47.3	42.9	37.9	33.5	29.5	25.6
-42.5°	53.0	52.0	50.6	48.4	45.6	41.2	36.8	32.8	29.2	26.1	23.3
-45°	49.0	47.6	45.8	42.5	38.6	35.1	31.3	28.3	25.5	23.3	21.1
-47.5°	43.1	40.7	38.1	35.7	32.8	29.8	27.0	24.4	22.7	20.8	19.2
-50°	35.0	33.5	31.8	30.0	28.0	25.6	23.5	21.7	20.2	18.8	17.4
-52.5°	28.7	27.6	26.6	25.4	24.1	22.5	20.8	19.4	18.0	16.8	15.5
-55°	23.9	22.9	22.3	21.7	21.0	19.8	18.5	17.2	16.0	14.9	13.5
-57.5°	20.2	19.1	19.0	18.7	18.4	17.5	16.4	15.2	13.9	12.7	11.5
-60°	17.4	16.2	16.2	16.1	15.9	15.3	14.2	12.9	11.6	10.7	9.9
-62.5°	15.1	13.7	13.7	13.5	13.3	12.8	11.7	10.8	9.9	9.1	8.5
-65°	13.0	11.2	10.8	10.8	10.6	10.3	9.5	8.9	8.5	8.1	7.3
-67.5°	11.3	9.2	8.4	8.3	8.3	8.1	7.7	7.4	7.1	6.9	6.2
-70°	9.4	7.5	6.6	6.5	6.4	6.3	6.1	5.9	5.7	5.4	4.7
-72.5°	7.1	5.8	5.0	5.0	4.8	4.7	4.6	4.3	4.0	3.5	3.0
-75°	4.8	4.1	3.6	3.5	3.4	3.3	3.1	2.9	2.6	2.3	2.0
-77.5°	3.1	2.7	2.3	2.3	2.2	2.1	2.0	1.8	1.6	1.4	1.3
-80°	1.7	1.5	1.4	1.3	1.3	1.2	1.1	1.0	0.9	0.8	0.7
-82.5°	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.4
-85°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
-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: P558489 (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°	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
85°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
82.5°	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
80°	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
77.5°	1.2	1.0	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.4
75°	1.8	1.6	1.5	1.2	1.0	0.8	0.7	0.6	0.5	0.4	0.4
72.5°	2.7	2.5	2.2	1.8	1.5	1.2	1.0	0.8	0.7	0.6	0.4
70°	4.0	3.4	3.0	2.6	2.1	1.7	1.4	1.1	0.9	0.8	0.6
67.5°	5.5	4.6	4.0	3.3	2.8	2.3	1.8	1.5	1.2	0.9	0.8
65°	6.5	5.7	4.9	4.2	3.5	2.9	2.3	1.9	1.6	1.3	0.9
62.5°	7.7	6.7	5.9	5.1	4.3	3.5	2.8	2.5	2.0	1.6	1.2
60°	9.0	8.0	6.8	5.9	5.0	4.2	3.5	3.0	2.5	1.9	1.5
57.5°	10.5	9.4	8.1	6.8	5.8	4.9	4.2	3.6	3.0	2.4	1.8
55°	12.2	10.9	9.3	7.9	6.6	5.6	5.0	4.3	3.6	2.9	2.1
52.5°	14.1	12.4	10.6	8.9	7.4	6.4	5.8	5.0	4.3	3.4	2.6
50°	15.9	13.9	11.9	10.0	8.2	7.4	6.7	5.9	4.9	3.9	3.1
47.5°	17.4	15.3	13.2	11.1	9.2	8.5	7.8	6.8	5.6	4.5	3.6
45°	18.9	16.6	14.5	12.3	10.5	9.7	8.9	7.7	6.4	5.2	4.2
42.5°	20.4	18.0	15.6	13.5	12.1	11.0	10.0	8.7	7.3	6.0	4.8
40°	22.3	19.3	16.7	14.8	13.6	12.3	11.2	9.9	8.2	6.8	5.5
37.5°	24.2	20.9	17.9	16.2	15.0	13.6	12.4	11.0	9.3	7.7	6.1
35°	26.6	22.5	19.6	17.7	16.2	14.9	13.5	12.2	10.5	8.7	6.8
32.5°	28.9	24.6	21.6	19.2	17.4	16.1	14.6	13.6	11.9	9.6	7.5
30°	32.0	27.3	23.5	20.7	18.7	17.1	15.9	15.2	13.3	10.6	8.3
27.5°	35.8	30.0	25.5	22.3	19.9	18.2	17.8	17.0	14.7	11.6	9.1
25°	39.7	33.2	27.9	23.9	21.1	20.0	19.6	18.9	16.2	12.8	9.8
22.5°	44.0	36.4	30.2	25.5	23.1	21.8	21.3	20.6	17.7	13.9	10.6
20°	48.1	39.5	32.6	28.0	25.3	23.7	22.9	22.2	19.4	15.1	11.3
17.5°	51.9	42.9	35.9	30.8	27.5	25.5	24.5	23.7	21.0	16.2	12.1
15°	54.4	46.6	39.0	33.5	29.7	27.3	26.0	25.3	22.7	17.4	12.6
12.5°	56.6	49.8	41.8	35.9	31.7	29.0	27.5	26.8	24.4	18.1	12.9
10°	58.3	52.5	44.3	38.2	33.6	30.7	28.9	27.9	25.1	18.4	13.1
7.5°	59.8	54.9	46.5	40.3	35.2	31.6	29.1	28.1	25.5	18.7	13.3
5°	60.8	56.2	47.6	40.8	35.3	31.5	29.1	28.2	25.7	18.9	13.5
2.5°	61.0	56.4	47.8	41.0	35.4	31.3	29.1	28.3	25.9	19.0	13.6
0°	61.0	56.2	47.8	41.0	35.3	31.1	29.0	28.4	25.9	19.0	13.6
-2.5°	61.0	56.4	47.8	41.0	35.4	31.3	29.1	28.3	25.9	19.0	13.6
-5°	60.8	56.2	47.6	40.8	35.3	31.5	29.1	28.2	25.7	18.9	13.5
-7.5°	59.8	54.9	46.5	40.3	35.2	31.6	29.1	28.1	25.5	18.7	13.3
-10°	58.3	52.5	44.3	38.2	33.6	30.7	28.9	27.9	25.1	18.4	13.1
-12.5°	56.6	49.8	41.8	35.9	31.7	29.0	27.5	26.8	24.4	18.1	12.9
-15°	54.4	46.6	39.0	33.5	29.7	27.3	26.0	25.3	22.7	17.4	12.6
-17.5°	51.9	42.9	35.9	30.8	27.5	25.5	24.5	23.7	21.0	16.2	12.1
-20°	48.1	39.5	32.6	28.0	25.3	23.7	22.9	22.2	19.4	15.1	11.3



REPORT NUMBER: P558489 (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°	44.0	36.4	30.2	25.5	23.1	21.8	21.3	20.6	17.7	13.9	10.6
-25°	39.7	33.2	27.9	23.9	21.1	20.0	19.6	18.9	16.2	12.8	9.8
-27.5°	35.8	30.0	25.5	22.3	19.9	18.2	17.8	17.0	14.7	11.6	9.1
-30°	32.0	27.3	23.5	20.7	18.7	17.1	15.9	15.2	13.3	10.6	8.3
-32.5°	28.9	24.6	21.6	19.2	17.4	16.1	14.6	13.6	11.9	9.6	7.5
-35°	26.6	22.5	19.6	17.7	16.2	14.9	13.5	12.2	10.5	8.7	6.8
-37.5°	24.2	20.9	17.9	16.2	15.0	13.6	12.4	11.0	9.3	7.7	6.1
-40°	22.3	19.3	16.7	14.8	13.6	12.3	11.2	9.9	8.2	6.8	5.5
-42.5°	20.4	18.0	15.6	13.5	12.1	11.0	10.0	8.7	7.3	6.0	4.8
-45°	18.9	16.6	14.5	12.3	10.5	9.7	8.9	7.7	6.4	5.2	4.2
-47.5°	17.4	15.3	13.2	11.1	9.2	8.5	7.8	6.8	5.6	4.5	3.6
-50°	15.9	13.9	11.9	10.0	8.2	7.4	6.7	5.9	4.9	3.9	3.1
-52.5°	14.1	12.4	10.6	8.9	7.4	6.4	5.8	5.0	4.3	3.4	2.6
-55°	12.2	10.9	9.3	7.9	6.6	5.6	5.0	4.3	3.6	2.9	2.1
-57.5°	10.5	9.4	8.1	6.8	5.8	4.9	4.2	3.6	3.0	2.4	1.8
-60°	9.0	8.0	6.8	5.9	5.0	4.2	3.5	3.0	2.5	1.9	1.5
-62.5°	7.7	6.7	5.9	5.1	4.3	3.5	2.8	2.5	2.0	1.6	1.2
-65°	6.5	5.7	4.9	4.2	3.5	2.9	2.3	1.9	1.6	1.3	0.9
-67.5°	5.5	4.6	4.0	3.3	2.8	2.3	1.8	1.5	1.2	0.9	0.8
-70°	4.0	3.4	3.0	2.6	2.1	1.7	1.4	1.1	0.9	0.8	0.6
-72.5°	2.7	2.5	2.2	1.8	1.5	1.2	1.0	0.8	0.7	0.6	0.4
-75°	1.8	1.6	1.5	1.2	1.0	0.8	0.7	0.6	0.5	0.4	0.4
-77.5°	1.2	1.0	0.8	0.7	0.7	0.6	0.5	0.4	0.4	0.4	0.4
-80°	0.7	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
-82.5°	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4
-85°	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2
-87.5°	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1
-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: P558489 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-940-U-TSB-XX

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°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
67.5°	0.6	0.4	0.4	0.4	0.3	0.2	0.0
65°	0.7	0.5	0.4	0.4	0.3	0.2	0.0
62.5°	0.9	0.6	0.4	0.4	0.4	0.2	0.0
60°	1.0	0.8	0.4	0.4	0.4	0.2	0.0
57.5°	1.3	0.9	0.5	0.4	0.4	0.2	0.0
55°	1.6	1.0	0.6	0.4	0.4	0.2	0.0
52.5°	1.9	1.2	0.7	0.4	0.4	0.2	0.0
50°	2.2	1.5	0.9	0.4	0.4	0.3	0.0
47.5°	2.5	1.7	1.0	0.4	0.4	0.3	0.0
45°	3.0	2.0	1.1	0.5	0.4	0.3	0.0
42.5°	3.5	2.2	1.2	0.6	0.4	0.3	0.0
40°	4.0	2.5	1.4	0.7	0.4	0.3	0.0
37.5°	4.5	2.8	1.6	0.7	0.4	0.3	0.0
35°	5.0	3.1	1.8	0.8	0.5	0.3	0.0
32.5°	5.5	3.5	1.9	0.9	0.5	0.3	0.0
30°	6.1	3.9	2.1	0.9	0.5	0.3	0.0
27.5°	6.6	4.3	2.2	1.0	0.5	0.4	0.0
25°	7.2	4.6	2.3	1.0	0.5	0.4	0.0
22.5°	7.7	4.9	2.4	1.0	0.5	0.4	0.0
20°	8.2	5.0	2.5	1.0	0.5	0.4	0.0
17.5°	8.5	5.1	2.5	1.0	0.5	0.4	0.0
15°	8.6	5.1	2.5	1.1	0.5	0.4	0.0
12.5°	8.7	5.1	2.5	1.1	0.5	0.4	0.0
10°	8.7	5.1	2.5	1.1	0.6	0.4	0.0
7.5°	8.7	5.0	2.5	1.0	0.6	0.4	0.0
5°	8.6	4.9	2.4	1.0	0.6	0.4	0.0
2.5°	8.5	4.8	2.4	1.0	0.6	0.4	0.0
0°	8.4	4.6	2.3	1.0	0.6	0.4	0.0
-2.5°	8.5	4.8	2.4	1.0	0.6	0.4	0.0
-5°	8.6	4.9	2.4	1.0	0.6	0.4	0.0
-7.5°	8.7	5.0	2.5	1.0	0.6	0.4	0.0
-10°	8.7	5.1	2.5	1.1	0.6	0.4	0.0
-12.5°	8.7	5.1	2.5	1.1	0.5	0.4	0.0
-15°	8.6	5.1	2.5	1.1	0.5	0.4	0.0
-17.5°	8.5	5.1	2.5	1.0	0.5	0.4	0.0
-20°	8.2	5.0	2.5	1.0	0.5	0.4	0.0



REPORT NUMBER: P558489 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	7.7	4.9	2.4	1.0	0.5	0.4	0.0
-25°	7.2	4.6	2.3	1.0	0.5	0.4	0.0
-27.5°	6.6	4.3	2.2	1.0	0.5	0.4	0.0
-30°	6.1	3.9	2.1	0.9	0.5	0.3	0.0
-32.5°	5.5	3.5	1.9	0.9	0.5	0.3	0.0
-35°	5.0	3.1	1.8	0.8	0.5	0.3	0.0
-37.5°	4.5	2.8	1.6	0.7	0.4	0.3	0.0
-40°	4.0	2.5	1.4	0.7	0.4	0.3	0.0
-42.5°	3.5	2.2	1.2	0.6	0.4	0.3	0.0
-45°	3.0	2.0	1.1	0.5	0.4	0.3	0.0
-47.5°	2.5	1.7	1.0	0.4	0.4	0.3	0.0
-50°	2.2	1.5	0.9	0.4	0.4	0.3	0.0
-52.5°	1.9	1.2	0.7	0.4	0.4	0.2	0.0
-55°	1.6	1.0	0.6	0.4	0.4	0.2	0.0
-57.5°	1.3	0.9	0.5	0.4	0.4	0.2	0.0
-60°	1.0	0.8	0.4	0.4	0.4	0.2	0.0
-62.5°	0.9	0.6	0.4	0.4	0.4	0.2	0.0
-65°	0.7	0.5	0.4	0.4	0.3	0.2	0.0
-67.5°	0.6	0.4	0.4	0.4	0.3	0.2	0.0
-70°	0.4	0.4	0.4	0.4	0.3	0.1	0.0
-72.5°	0.4	0.4	0.4	0.4	0.2	0.1	0.0
-75°	0.4	0.4	0.4	0.3	0.2	0.1	0.0
-77.5°	0.4	0.4	0.3	0.3	0.2	0.1	0.0
-80°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-82.5°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
-85°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
-87.5°	0.1	0.1	0.1	0.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)