

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: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-4)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/20/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA1A-940-U-MR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N4  
Light Source: (16) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

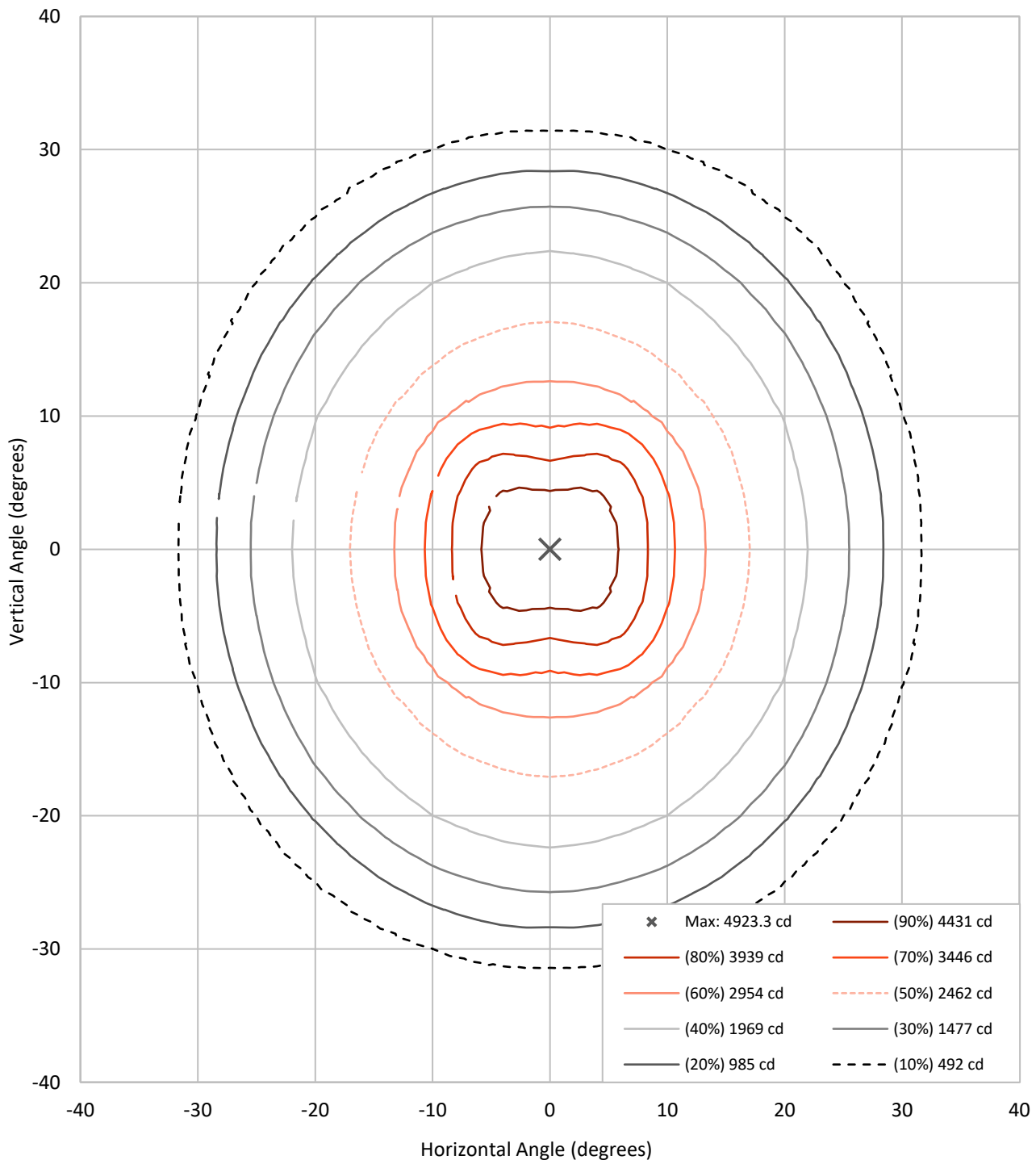
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	2177.9 lumens	Max Intensity:	4923.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	121.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	34°H x 34.1°V	Field Angle (10%):	63.3°H x 62.8°V
Beam Lumens:	927.7 lumens	Field Lumens:	1895.9 lumens
Beam Efficiency:	42.6%	Field Efficiency:	87.1%

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





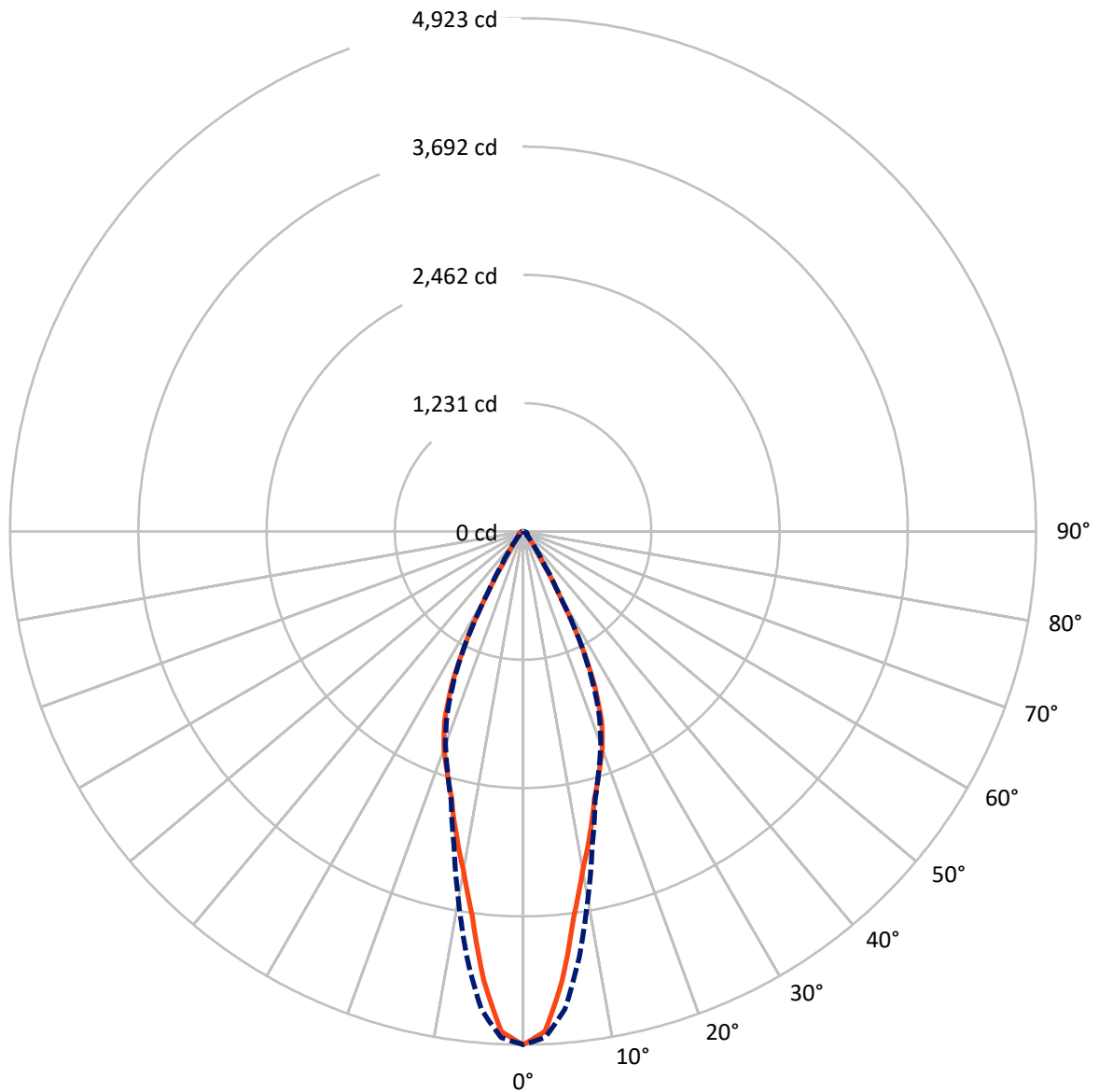
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### Lumen Table

90																			
80	0.0	0.2		0.7		1.1		1.3		1.1		0.7		0.2		0.0			
70																			
60	0.1	0.1	0.3	0.5	0.7	0.9	1.1	1.2	1.2	1.1	0.9	0.7	0.5	0.3	0.1	0.1			
50		0.2	0.4	0.8	1.0	1.2	1.3	1.3	1.3	1.3	1.2	1.0	0.8	0.4	0.2				
40	0.2	0.3	0.6	0.9	1.1	1.3	1.7	2.0	2.0	1.7	1.3	1.1	0.9	0.6	0.3	0.2			
30		0.4	0.7	0.9	1.4	2.8	5.3	8.1	8.1	5.3	2.8	1.4	0.9	0.7	0.4				
20	0.3	0.4	0.7	1.0	2.6	8.5	26.7	43.9	43.9	26.7	8.5	2.6	1.0	0.7	0.4	0.3			
10		0.5	0.7	1.3	4.8	25.1	59.4	78.6	78.6	59.4	25.1	4.8	1.3	0.7	0.5				
0	0.3	0.5	0.7	1.5	7.2	39.6	77.2	121.8	121.8	77.2	39.6	7.2	1.5	0.7	0.5	0.3			
-10		0.5	0.7	1.5	7.2	39.6	77.2	121.8	121.8	77.2	39.6	7.2	1.5	0.7	0.5				
-20	0.3	0.5	0.7	1.3	4.8	25.1	59.4	78.6	78.6	59.4	25.1	4.8	1.3	0.7	0.5	0.3			
-30		0.4	0.7	1.0	2.6	8.5	26.7	43.9	43.9	26.7	8.5	2.6	1.0	0.7	0.4				
-40	0.2	0.4	0.7	0.9	1.4	2.8	5.3	8.1	8.1	5.3	2.8	1.4	0.9	0.7	0.4	0.2			
-50		0.3	0.6	0.9	1.1	1.3	1.7	2.0	2.0	1.7	1.3	1.1	0.9	0.6	0.3				
-60	0.1	0.2	0.4	0.8	1.0	1.2	1.3	1.3	1.3	1.3	1.2	1.0	0.8	0.4	0.2	0.1			
-70		0.1	0.3	0.5	0.7	0.9	1.1	1.2	1.2	1.1	0.9	0.7	0.5	0.3	0.1				
-80	0.0	0.2		0.7		1.1		1.3		1.1		0.7		0.2		0.0			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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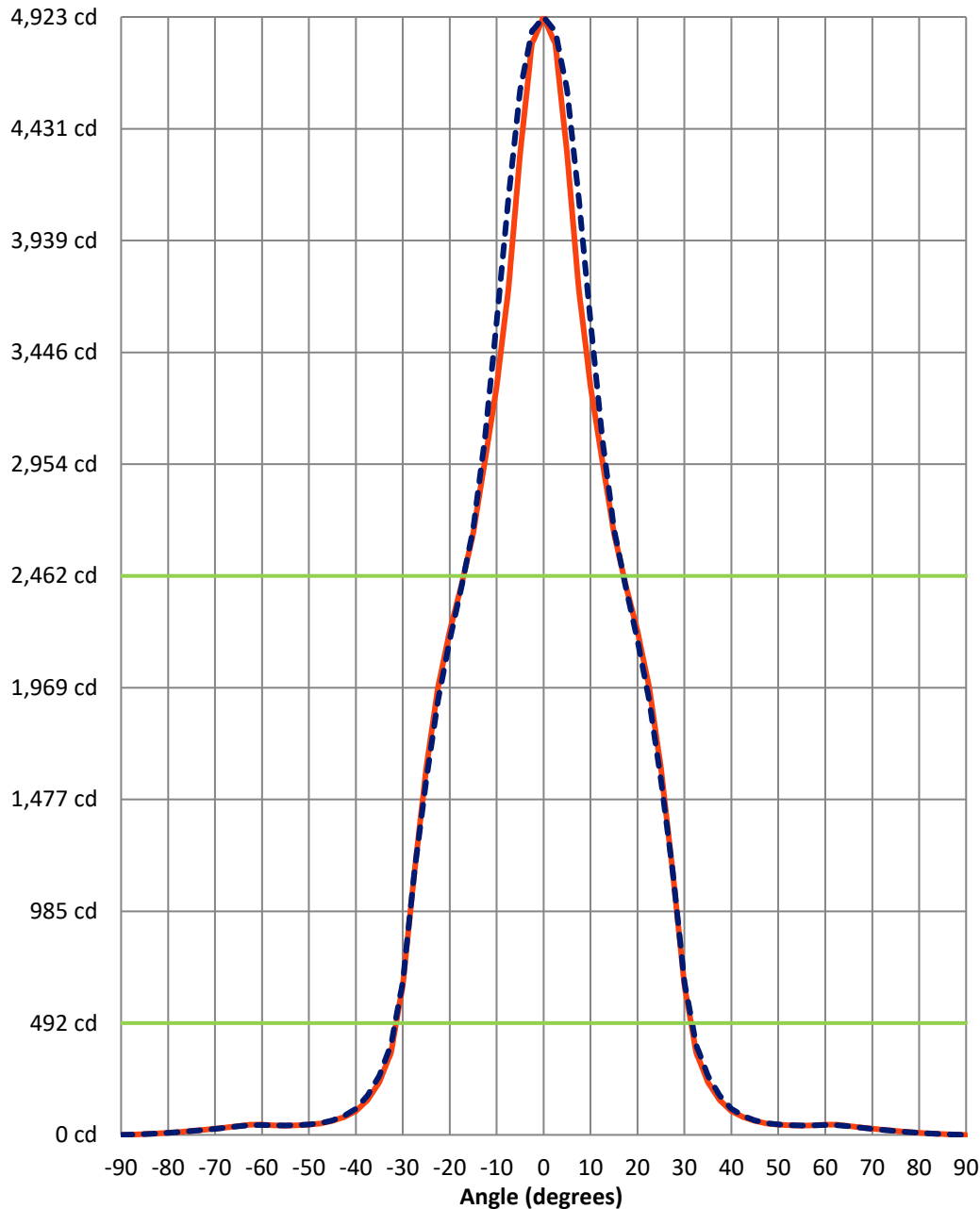
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 34°  
 V Angle: 34.1°  
 Lumens: 927.7  
 Efficiency: 42.6%

**Field:**  
 H Angle: 63.3°  
 V Angle: 62.8°  
 Lumens: 1895.9  
 Efficiency: 87.1%

**Spill:**  
 Lumens: 282  
 Efficiency: 12.9%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
82.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.6	1.8
80°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.7	2.1	2.4	2.7
77.5°	0.0	0.3	0.6	0.8	1.1	1.5	2.0	2.4	2.8	3.2	3.6
75°	0.0	0.3	0.7	1.0	1.4	1.9	2.5	3.1	3.5	4.1	4.6
72.5°	0.0	0.4	0.8	1.2	1.7	2.4	3.1	3.7	4.3	4.9	5.6
70°	0.0	0.4	0.9	1.3	2.1	2.8	3.6	4.4	5.1	5.8	6.8
67.5°	0.0	0.5	1.0	1.6	2.4	3.3	4.2	5.0	5.8	7.0	8.1
65°	0.0	0.5	1.1	1.8	2.8	3.7	4.7	5.6	6.8	8.1	9.5
62.5°	0.0	0.6	1.2	2.1	3.1	4.2	5.3	6.4	7.8	9.3	11.0
60°	0.0	0.6	1.3	2.3	3.4	4.7	5.8	7.3	8.8	10.6	12.4
57.5°	0.0	0.7	1.5	2.5	3.8	5.1	6.5	8.1	9.9	11.9	14.0
55°	0.0	0.7	1.6	2.8	4.1	5.6	7.2	8.9	11.0	13.2	15.5
52.5°	0.0	0.8	1.7	3.0	4.5	6.0	7.9	9.9	12.1	14.5	17.0
50°	0.0	0.8	1.9	3.2	4.9	6.6	8.5	10.8	13.2	15.8	18.5
47.5°	0.0	0.9	2.0	3.4	5.2	7.1	9.2	11.7	14.3	17.0	20.0
45°	0.0	0.9	2.2	3.6	5.6	7.6	9.9	12.5	15.3	18.3	21.5
42.5°	0.0	1.0	2.3	3.9	5.9	8.1	10.6	13.3	16.3	19.6	23.0
40°	0.0	1.0	2.4	4.1	6.2	8.6	11.2	14.2	17.3	20.8	24.5
37.5°	0.0	1.0	2.5	4.4	6.6	9.0	11.8	14.9	18.3	22.0	25.9
35°	0.0	1.1	2.7	4.6	6.9	9.5	12.4	15.7	19.3	23.2	27.2
32.5°	0.0	1.1	2.8	4.8	7.2	9.9	12.9	16.4	20.2	24.3	28.5
30°	0.0	1.1	2.9	5.0	7.5	10.3	13.5	17.1	21.1	25.3	29.8
27.5°	0.0	1.2	3.0	5.1	7.8	10.7	14.0	17.8	21.9	26.3	30.9
25°	0.0	1.2	3.1	5.3	8.0	11.0	14.5	18.4	22.7	27.2	31.9
22.5°	0.0	1.2	3.2	5.4	8.2	11.3	14.9	19.0	23.4	28.1	33.0
20°	0.0	1.2	3.2	5.5	8.4	11.6	15.3	19.5	24.0	28.8	33.9
17.5°	0.0	1.2	3.3	5.6	8.5	11.8	15.7	20.0	24.6	29.5	34.7
15°	0.0	1.3	3.4	5.7	8.7	12.0	16.0	20.4	25.1	30.1	35.4
12.5°	0.0	1.3	3.4	5.7	8.8	12.2	16.3	20.7	25.5	30.5	36.0
10°	0.0	1.3	3.5	5.8	8.9	12.3	16.5	21.0	25.8	31.0	36.5
7.5°	0.0	1.3	3.5	5.8	8.9	12.4	16.7	21.2	26.1	31.4	37.1
5°	0.0	1.3	3.6	5.8	9.0	12.5	16.8	21.4	26.2	31.7	37.5
2.5°	0.0	1.3	3.6	5.8	9.0	12.5	16.9	21.5	26.3	31.9	37.8
0°	0.0	1.3	3.6	5.8	9.0	12.5	16.9	21.5	26.3	31.9	37.8
-2.5°	0.0	1.3	3.6	5.8	9.0	12.5	16.9	21.5	26.3	31.9	37.8
-5°	0.0	1.3	3.6	5.8	9.0	12.5	16.8	21.4	26.2	31.7	37.5
-7.5°	0.0	1.3	3.5	5.8	8.9	12.4	16.7	21.2	26.1	31.4	37.1
-10°	0.0	1.3	3.5	5.8	8.9	12.3	16.5	21.0	25.8	31.0	36.5
-12.5°	0.0	1.3	3.4	5.7	8.8	12.2	16.3	20.7	25.5	30.5	36.0
-15°	0.0	1.3	3.4	5.7	8.7	12.0	16.0	20.4	25.1	30.1	35.4
-17.5°	0.0	1.2	3.3	5.6	8.5	11.8	15.7	20.0	24.6	29.5	34.7
-20°	0.0	1.2	3.2	5.5	8.4	11.6	15.3	19.5	24.0	28.8	33.9



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

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.2	3.2	5.4	8.2	11.3	14.9	19.0	23.4	28.1	33.0
-25°	0.0	1.2	3.1	5.3	8.0	11.0	14.5	18.4	22.7	27.2	31.9
-27.5°	0.0	1.2	3.0	5.1	7.8	10.7	14.0	17.8	21.9	26.3	30.9
-30°	0.0	1.1	2.9	5.0	7.5	10.3	13.5	17.1	21.1	25.3	29.8
-32.5°	0.0	1.1	2.8	4.8	7.2	9.9	12.9	16.4	20.2	24.3	28.5
-35°	0.0	1.1	2.7	4.6	6.9	9.5	12.4	15.7	19.3	23.2	27.2
-37.5°	0.0	1.0	2.5	4.4	6.6	9.0	11.8	14.9	18.3	22.0	25.9
-40°	0.0	1.0	2.4	4.1	6.2	8.6	11.2	14.2	17.3	20.8	24.5
-42.5°	0.0	1.0	2.3	3.9	5.9	8.1	10.6	13.3	16.3	19.6	23.0
-45°	0.0	0.9	2.2	3.6	5.6	7.6	9.9	12.5	15.3	18.3	21.5
-47.5°	0.0	0.9	2.0	3.4	5.2	7.1	9.2	11.7	14.3	17.0	20.0
-50°	0.0	0.8	1.9	3.2	4.9	6.6	8.5	10.8	13.2	15.8	18.5
-52.5°	0.0	0.8	1.7	3.0	4.5	6.0	7.9	9.9	12.1	14.5	17.0
-55°	0.0	0.7	1.6	2.8	4.1	5.6	7.2	8.9	11.0	13.2	15.5
-57.5°	0.0	0.7	1.5	2.5	3.8	5.1	6.5	8.1	9.9	11.9	14.0
-60°	0.0	0.6	1.3	2.3	3.4	4.7	5.8	7.3	8.8	10.6	12.4
-62.5°	0.0	0.6	1.2	2.1	3.1	4.2	5.3	6.4	7.8	9.3	11.0
-65°	0.0	0.5	1.1	1.8	2.8	3.7	4.7	5.6	6.8	8.1	9.5
-67.5°	0.0	0.5	1.0	1.6	2.4	3.3	4.2	5.0	5.8	7.0	8.1
-70°	0.0	0.4	0.9	1.3	2.1	2.8	3.6	4.4	5.1	5.8	6.8
-72.5°	0.0	0.4	0.8	1.2	1.7	2.4	3.1	3.7	4.3	4.9	5.6
-75°	0.0	0.3	0.7	1.0	1.4	1.9	2.5	3.1	3.5	4.1	4.6
-77.5°	0.0	0.3	0.6	0.8	1.1	1.5	2.0	2.4	2.8	3.2	3.6
-80°	0.0	0.2	0.5	0.7	0.9	1.1	1.4	1.7	2.1	2.4	2.7
-82.5°	0.0	0.2	0.3	0.5	0.7	0.8	1.0	1.2	1.4	1.6	1.8
-85°	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.0	1.1
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	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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 CATALOG NUMBER: GFLD-SA1A-940-U-MR-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°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
85°	1.2	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4
82.5°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.5	3.7	4.0	4.2
80°	3.0	3.3	3.7	4.1	4.5	4.8	5.2	5.6	5.9	6.3	6.7
77.5°	4.1	4.6	5.1	5.7	6.2	6.8	7.3	7.9	8.4	8.9	9.3
75°	5.2	5.9	6.6	7.4	8.2	8.9	9.6	10.5	11.2	11.8	12.4
72.5°	6.5	7.4	8.3	9.3	10.3	11.3	12.3	13.2	14.1	14.9	15.7
70°	7.9	8.9	10.2	11.4	12.6	13.8	14.9	15.9	16.9	18.0	19.1
67.5°	9.3	10.7	12.2	13.6	15.0	16.3	17.5	18.8	20.2	21.5	22.8
65°	11.0	12.6	14.2	15.8	17.3	18.9	20.5	22.0	23.6	25.2	26.6
62.5°	12.6	14.5	16.3	18.1	19.9	21.7	23.5	25.4	27.2	29.0	30.7
60°	14.4	16.4	18.4	20.4	22.5	24.6	26.7	28.8	31.0	33.0	35.0
57.5°	16.1	18.4	20.5	22.8	25.2	27.6	30.0	32.4	34.9	37.2	39.2
55°	17.9	20.2	22.7	25.3	27.9	30.7	33.4	36.1	38.8	40.7	42.6
52.5°	19.6	22.1	25.0	27.8	30.8	33.8	36.9	39.6	41.8	43.5	43.9
50°	21.3	24.2	27.2	30.3	33.6	37.0	40.0	42.4	43.6	44.2	43.9
47.5°	23.1	26.2	29.4	32.8	36.4	39.7	42.5	43.7	44.4	43.7	42.9
45°	24.8	28.2	31.6	35.3	38.9	42.0	43.6	44.5	43.7	42.9	42.4
42.5°	26.5	30.2	33.9	37.7	41.0	43.2	44.2	43.7	43.0	42.4	42.6
40°	28.2	32.0	36.1	39.7	42.7	43.8	43.6	43.0	42.6	42.9	43.7
37.5°	29.9	34.0	38.1	41.6	43.2	43.7	42.9	42.5	42.8	43.8	45.7
35°	31.4	35.8	39.8	42.7	43.8	43.0	42.5	42.4	43.5	45.6	48.3
32.5°	33.0	37.6	41.4	43.2	43.4	42.5	42.1	43.1	44.8	47.5	52.2
30°	34.5	39.0	42.5	43.6	42.9	42.2	42.4	43.8	46.2	50.6	58.2
27.5°	35.8	40.2	42.9	43.4	42.4	41.9	42.9	45.0	48.5	54.4	65.2
25°	37.1	41.4	43.2	43.0	42.2	42.1	43.5	46.1	50.9	60.4	75.3
22.5°	38.1	42.4	43.5	42.6	41.9	42.4	44.4	48.0	54.4	66.0	85.7
20°	39.0	42.7	43.4	42.3	41.6	42.7	45.2	49.8	59.1	74.9	97.5
17.5°	39.7	42.9	43.1	42.1	41.8	43.1	46.0	51.5	63.3	82.5	108.8
15°	40.4	43.1	42.9	41.9	42.0	43.7	47.4	54.6	68.3	89.6	118.9
12.5°	41.0	43.2	42.6	41.7	42.1	44.2	48.5	57.5	73.3	97.4	135.2
10°	41.5	43.4	42.4	41.5	42.2	44.6	49.5	59.7	77.1	104.0	148.9
7.5°	41.9	43.5	42.2	41.4	42.3	44.9	50.2	61.4	79.9	109.3	159.1
5°	42.3	43.5	42.1	41.3	42.4	45.2	50.7	62.4	81.5	113.2	165.9
2.5°	42.5	43.6	42.0	41.3	42.6	45.6	51.2	63.3	83.0	115.1	170.8
0°	42.6	43.6	42.0	41.3	42.8	45.9	51.4	63.7	83.7	115.1	173.7
-2.5°	42.5	43.6	42.0	41.3	42.6	45.6	51.2	63.3	83.0	115.1	170.8
-5°	42.3	43.5	42.1	41.3	42.4	45.2	50.7	62.4	81.5	113.2	165.9
-7.5°	41.9	43.5	42.2	41.4	42.3	44.9	50.2	61.4	79.9	109.3	159.1
-10°	41.5	43.4	42.4	41.5	42.2	44.6	49.5	59.7	77.1	104.0	148.9
-12.5°	41.0	43.2	42.6	41.7	42.1	44.2	48.5	57.5	73.3	97.4	135.2
-15°	40.4	43.1	42.9	41.9	42.0	43.7	47.4	54.6	68.3	89.6	118.9
-17.5°	39.7	42.9	43.1	42.1	41.8	43.1	46.0	51.5	63.3	82.5	108.8
-20°	39.0	42.7	43.4	42.3	41.6	42.7	45.2	49.8	59.1	74.9	97.5



REPORT NUMBER: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	38.1	42.4	43.5	42.6	41.9	42.4	44.4	48.0	54.4	66.0	85.7
-25°	37.1	41.4	43.2	43.0	42.2	42.1	43.5	46.1	50.9	60.4	75.3
-27.5°	35.8	40.2	42.9	43.4	42.4	41.9	42.9	45.0	48.5	54.4	65.2
-30°	34.5	39.0	42.5	43.6	42.9	42.2	42.4	43.8	46.2	50.6	58.2
-32.5°	33.0	37.6	41.4	43.2	43.4	42.5	42.1	43.1	44.8	47.5	52.2
-35°	31.4	35.8	39.8	42.7	43.8	43.0	42.5	42.4	43.5	45.6	48.3
-37.5°	29.9	34.0	38.1	41.6	43.2	43.7	42.9	42.5	42.8	43.8	45.7
-40°	28.2	32.0	36.1	39.7	42.7	43.8	43.6	43.0	42.6	42.9	43.7
-42.5°	26.5	30.2	33.9	37.7	41.0	43.2	44.2	43.7	43.0	42.4	42.6
-45°	24.8	28.2	31.6	35.3	38.9	42.0	43.6	44.5	43.7	42.9	42.4
-47.5°	23.1	26.2	29.4	32.8	36.4	39.7	42.5	43.7	44.4	43.7	42.9
-50°	21.3	24.2	27.2	30.3	33.6	37.0	40.0	42.4	43.6	44.2	43.9
-52.5°	19.6	22.1	25.0	27.8	30.8	33.8	36.9	39.6	41.8	43.5	43.9
-55°	17.9	20.2	22.7	25.3	27.9	30.7	33.4	36.1	38.8	40.7	42.6
-57.5°	16.1	18.4	20.5	22.8	25.2	27.6	30.0	32.4	34.9	37.2	39.2
-60°	14.4	16.4	18.4	20.4	22.5	24.6	26.7	28.8	31.0	33.0	35.0
-62.5°	12.6	14.5	16.3	18.1	19.9	21.7	23.5	25.4	27.2	29.0	30.7
-65°	11.0	12.6	14.2	15.8	17.3	18.9	20.5	22.0	23.6	25.2	26.6
-67.5°	9.3	10.7	12.2	13.6	15.0	16.3	17.5	18.8	20.2	21.5	22.8
-70°	7.9	8.9	10.2	11.4	12.6	13.8	14.9	15.9	16.9	18.0	19.1
-72.5°	6.5	7.4	8.3	9.3	10.3	11.3	12.3	13.2	14.1	14.9	15.7
-75°	5.2	5.9	6.6	7.4	8.2	8.9	9.6	10.5	11.2	11.8	12.4
-77.5°	4.1	4.6	5.1	5.7	6.2	6.8	7.3	7.9	8.4	8.9	9.3
-80°	3.0	3.3	3.7	4.1	4.5	4.8	5.2	5.6	5.9	6.3	6.7
-82.5°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.5	3.7	4.0	4.2
-85°	1.2	1.3	1.4	1.6	1.7	1.8	1.9	2.0	2.2	2.3	2.4
-87.5°	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9	1.0	1.0	1.0
-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: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-XX

**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°	1.1	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.1
85°	2.4	2.5	2.6	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
82.5°	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.7	5.8	5.9	6.0
80°	7.0	7.3	7.6	7.8	8.0	8.2	8.4	8.5	8.6	8.8	9.0
77.5°	9.8	10.2	10.6	11.0	11.3	11.6	11.9	12.2	12.5	12.6	12.8
75°	13.0	13.6	14.1	14.6	15.1	15.5	16.0	16.4	16.8	17.1	17.2
72.5°	16.5	17.2	17.9	18.5	19.0	19.6	20.2	20.7	21.2	21.5	21.8
70°	20.2	21.2	21.9	22.6	23.3	24.1	24.8	25.4	25.9	26.4	26.8
67.5°	24.0	25.1	26.1	27.1	28.0	28.9	29.8	30.6	31.3	31.9	32.2
65°	28.0	29.4	30.7	31.8	32.9	33.9	35.0	36.0	36.9	37.6	38.2
62.5°	32.4	34.0	35.4	36.7	37.9	38.9	39.9	40.8	41.7	42.4	43.2
60°	36.9	38.7	40.0	41.1	42.1	43.0	43.4	43.7	44.0	44.3	44.6
57.5°	40.8	42.4	43.5	43.8	44.0	44.2	44.1	43.7	43.4	43.0	42.7
55°	43.6	44.1	44.6	44.2	43.6	43.0	42.5	42.2	41.8	41.5	41.3
52.5°	44.4	44.0	43.4	42.9	42.5	42.0	41.6	41.7	41.8	41.9	42.0
50°	43.3	42.8	42.5	42.2	42.3	42.5	42.7	43.1	43.6	43.9	44.3
47.5°	42.5	42.2	42.6	43.1	43.6	44.5	45.3	46.0	47.3	48.2	49.0
45°	42.3	43.0	43.8	45.1	46.3	48.3	50.1	51.7	54.6	57.2	59.3
42.5°	43.4	44.8	46.3	48.8	51.5	55.0	59.5	63.3	67.7	71.9	74.9
40°	45.4	47.4	50.8	54.8	61.1	66.8	74.2	80.6	86.6	92.9	97.7
37.5°	48.3	52.0	58.2	65.5	75.2	84.4	94.7	104.7	113.1	125.9	135.9
35°	52.5	60.0	68.9	81.1	93.7	107.9	122.9	142.2	159.2	179.1	197.8
32.5°	60.2	70.4	84.3	100.8	117.5	142.1	165.2	196.5	224.7	259.8	297.6
30°	69.1	84.4	103.1	124.6	155.0	188.7	226.7	274.8	331.9	399.9	491.2
27.5°	81.5	101.1	124.6	159.5	202.6	247.7	315.2	396.0	543.3	671.7	841.7
25°	94.8	118.8	156.0	202.9	259.5	340.9	472.7	640.8	879.1	1106.8	1288.9
22.5°	110.2	145.2	192.1	250.5	342.2	499.7	704.4	1000.6	1266.2	1495.9	1672.8
20°	127.1	171.1	234.2	323.4	479.5	710.2	1038.8	1342.8	1614.0	1811.8	1968.1
17.5°	149.2	206.6	286.6	409.7	649.3	1004.9	1343.6	1644.0	1880.1	2053.8	2192.4
15°	169.7	239.2	343.0	553.0	879.9	1260.0	1607.2	1875.2	2079.5	2241.1	2365.7
12.5°	193.9	275.9	408.9	676.7	1092.1	1470.5	1794.4	2044.6	2241.3	2392.8	2559.8
10°	215.6	315.4	503.3	841.7	1266.3	1636.0	1950.5	2175.4	2372.6	2570.1	2820.4
7.5°	233.4	348.5	580.7	980.9	1400.0	1758.3	2044.9	2269.6	2487.0	2750.7	3111.8
5°	247.6	373.5	644.4	1085.9	1497.2	1845.7	2117.0	2344.7	2590.2	2943.1	3427.7
2.5°	257.1	389.9	684.2	1149.4	1558.5	1895.8	2170.4	2393.8	2651.3	3050.8	3557.1
0°	260.8	397.4	674.1	1160.9	1562.3	1912.1	2178.3	2412.2	2668.7	3068.8	3580.9
-2.5°	257.1	389.9	684.2	1149.4	1558.5	1895.8	2170.4	2393.8	2651.3	3050.8	3557.1
-5°	247.6	373.5	644.4	1085.9	1497.2	1845.7	2117.0	2344.7	2590.2	2943.1	3427.7
-7.5°	233.4	348.5	580.7	980.9	1400.0	1758.3	2044.9	2269.6	2487.0	2750.7	3111.8
-10°	215.6	315.4	503.3	841.7	1266.3	1636.0	1950.5	2175.4	2372.6	2570.1	2820.4
-12.5°	193.9	275.9	408.9	676.7	1092.1	1470.5	1794.4	2044.6	2241.3	2392.8	2559.8
-15°	169.7	239.2	343.0	553.0	879.9	1260.0	1607.2	1875.2	2079.5	2241.1	2365.7
-17.5°	149.2	206.6	286.6	409.7	649.3	1004.9	1343.6	1644.0	1880.1	2053.8	2192.4
-20°	127.1	171.1	234.2	323.4	479.5	710.2	1038.8	1342.8	1614.0	1811.8	1968.1



REPORT NUMBER: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	110.2	145.2	192.1	250.5	342.2	499.7	704.4	1000.6	1266.2	1495.9	1672.8
-25°	94.8	118.8	156.0	202.9	259.5	340.9	472.7	640.8	879.1	1106.8	1288.9
-27.5°	81.5	101.1	124.6	159.5	202.6	247.7	315.2	396.0	543.3	671.7	841.7
-30°	69.1	84.4	103.1	124.6	155.0	188.7	226.7	274.8	331.9	399.9	491.2
-32.5°	60.2	70.4	84.3	100.8	117.5	142.1	165.2	196.5	224.7	259.8	297.6
-35°	52.5	60.0	68.9	81.1	93.7	107.9	122.9	142.2	159.2	179.1	197.8
-37.5°	48.3	52.0	58.2	65.5	75.2	84.4	94.7	104.7	113.1	125.9	135.9
-40°	45.4	47.4	50.8	54.8	61.1	66.8	74.2	80.6	86.6	92.9	97.7
-42.5°	43.4	44.8	46.3	48.8	51.5	55.0	59.5	63.3	67.7	71.9	74.9
-45°	42.3	43.0	43.8	45.1	46.3	48.3	50.1	51.7	54.6	57.2	59.3
-47.5°	42.5	42.2	42.6	43.1	43.6	44.5	45.3	46.0	47.3	48.2	49.0
-50°	43.3	42.8	42.5	42.2	42.3	42.5	42.7	43.1	43.6	43.9	44.3
-52.5°	44.4	44.0	43.4	42.9	42.5	42.0	41.6	41.7	41.8	41.9	42.0
-55°	43.6	44.1	44.6	44.2	43.6	43.0	42.5	42.2	41.8	41.5	41.3
-57.5°	40.8	42.4	43.5	43.8	44.0	44.2	44.1	43.7	43.4	43.0	42.7
-60°	36.9	38.7	40.0	41.1	42.1	43.0	43.4	43.7	44.0	44.3	44.6
-62.5°	32.4	34.0	35.4	36.7	37.9	38.9	39.9	40.8	41.7	42.4	43.2
-65°	28.0	29.4	30.7	31.8	32.9	33.9	35.0	36.0	36.9	37.6	38.2
-67.5°	24.0	25.1	26.1	27.1	28.0	28.9	29.8	30.6	31.3	31.9	32.2
-70°	20.2	21.2	21.9	22.6	23.3	24.1	24.8	25.4	25.9	26.4	26.8
-72.5°	16.5	17.2	17.9	18.5	19.0	19.6	20.2	20.7	21.2	21.5	21.8
-75°	13.0	13.6	14.1	14.6	15.1	15.5	16.0	16.4	16.8	17.1	17.2
-77.5°	9.8	10.2	10.6	11.0	11.3	11.6	11.9	12.2	12.5	12.6	12.8
-80°	7.0	7.3	7.6	7.8	8.0	8.2	8.4	8.5	8.6	8.8	9.0
-82.5°	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.7	5.8	5.9	6.0
-85°	2.4	2.5	2.6	2.8	2.9	2.9	3.0	3.1	3.1	3.2	3.2
-87.5°	1.1	1.0	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0	1.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-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°	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	1.0	1.0
85°	3.3	3.3	3.4	3.6	3.4	3.3	3.3	3.2	3.2	3.1	3.1
82.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7
80°	9.2	9.3	9.3	9.2	9.3	9.3	9.2	9.0	8.8	8.6	8.5
77.5°	12.8	12.8	12.8	12.7	12.8	12.8	12.8	12.8	12.6	12.5	12.2
75°	17.3	17.4	17.5	17.5	17.5	17.4	17.3	17.2	17.1	16.8	16.4
72.5°	22.0	22.2	22.2	22.1	22.2	22.2	22.0	21.8	21.5	21.2	20.7
70°	27.0	27.2	27.4	27.4	27.4	27.2	27.0	26.8	26.4	25.9	25.4
67.5°	32.5	32.6	32.8	32.8	32.8	32.6	32.5	32.2	31.9	31.3	30.6
65°	38.7	39.0	39.1	39.1	39.1	39.0	38.7	38.2	37.6	36.9	36.0
62.5°	43.9	44.6	44.8	44.9	44.8	44.6	43.9	43.2	42.4	41.7	40.8
60°	44.8	45.0	45.1	45.1	45.1	45.0	44.8	44.6	44.3	44.0	43.7
57.5°	42.4	42.2	42.0	42.0	42.0	42.2	42.4	42.7	43.0	43.4	43.7
55°	41.0	40.8	40.7	40.7	40.7	40.8	41.0	41.3	41.5	41.8	42.2
52.5°	42.0	42.0	42.1	42.2	42.1	42.0	42.0	42.0	41.9	41.8	41.7
50°	44.5	44.7	44.9	45.1	44.9	44.7	44.5	44.3	43.9	43.6	43.1
47.5°	49.6	49.8	50.0	50.1	50.0	49.8	49.6	49.0	48.2	47.3	46.0
45°	60.6	61.3	61.7	61.8	61.7	61.3	60.6	59.3	57.2	54.6	51.7
42.5°	76.9	77.9	78.4	78.5	78.4	77.9	76.9	74.9	71.9	67.7	63.3
40°	101.1	103.0	103.9	104.6	103.9	103.0	101.1	97.7	92.9	86.6	80.6
37.5°	143.4	148.3	151.1	153.5	151.1	148.3	143.4	135.9	125.9	113.1	104.7
35°	213.1	224.2	230.8	232.2	230.8	224.2	213.1	197.8	179.1	159.2	142.2
32.5°	326.7	348.6	361.7	363.4	361.7	348.6	326.7	297.6	259.8	224.7	196.5
30°	562.1	623.4	665.4	659.7	665.4	623.4	562.1	491.2	399.9	331.9	274.8
27.5°	981.1	1092.3	1164.6	1158.6	1164.6	1092.3	981.1	841.7	671.7	543.3	396.0
25°	1428.9	1531.3	1591.8	1614.1	1591.8	1531.3	1428.9	1288.9	1106.8	879.1	640.8
22.5°	1794.6	1886.1	1938.4	1969.7	1938.4	1886.1	1794.6	1672.8	1495.9	1266.2	1000.6
20°	2074.7	2154.2	2199.1	2218.4	2199.1	2154.2	2074.7	1968.1	1811.8	1614.0	1342.8
17.5°	2290.3	2356.8	2407.7	2420.8	2407.7	2356.8	2290.3	2192.4	2053.8	1880.1	1644.0
15°	2481.0	2566.8	2626.9	2649.3	2626.9	2566.8	2481.0	2365.7	2241.1	2079.5	1875.2
12.5°	2721.4	2870.7	2950.1	2968.4	2950.1	2870.7	2721.4	2559.8	2392.8	2241.3	2044.6
10°	3076.7	3306.3	3332.2	3296.7	3332.2	3306.3	3076.7	2820.4	2570.1	2372.6	2175.4
7.5°	3594.3	3900.3	3834.1	3724.0	3834.1	3900.3	3594.3	3111.8	2750.7	2487.0	2269.6
5°	3964.7	4389.5	4402.8	4321.8	4402.8	4389.5	3964.7	3427.7	2943.1	2590.2	2344.7
2.5°	4112.1	4549.5	4767.2	4802.9	4767.2	4549.5	4112.1	3557.1	3050.8	2651.3	2393.8
0°	4123.1	4601.0	4859.1	4923.3	4859.1	4601.0	4123.1	3580.9	3068.8	2668.7	2412.2
-2.5°	4112.1	4549.5	4767.2	4802.9	4767.2	4549.5	4112.1	3557.1	3050.8	2651.3	2393.8
-5°	3964.7	4389.5	4402.8	4321.8	4402.8	4389.5	3964.7	3427.7	2943.1	2590.2	2344.7
-7.5°	3594.3	3900.3	3834.1	3724.0	3834.1	3900.3	3594.3	3111.8	2750.7	2487.0	2269.6
-10°	3076.7	3306.3	3332.2	3296.7	3332.2	3306.3	3076.7	2820.4	2570.1	2372.6	2175.4
-12.5°	2721.4	2870.7	2950.1	2968.4	2950.1	2870.7	2721.4	2559.8	2392.8	2241.3	2044.6
-15°	2481.0	2566.8	2626.9	2649.3	2626.9	2566.8	2481.0	2365.7	2241.1	2079.5	1875.2
-17.5°	2290.3	2356.8	2407.7	2420.8	2407.7	2356.8	2290.3	2192.4	2053.8	1880.1	1644.0
-20°	2074.7	2154.2	2199.1	2218.4	2199.1	2154.2	2074.7	1968.1	1811.8	1614.0	1342.8



REPORT NUMBER: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1794.6	1886.1	1938.4	1969.7	1938.4	1886.1	1794.6	1672.8	1495.9	1266.2	1000.6
-25°	1428.9	1531.3	1591.8	1614.1	1591.8	1531.3	1428.9	1288.9	1106.8	879.1	640.8
-27.5°	981.1	1092.3	1164.6	1158.6	1164.6	1092.3	981.1	841.7	671.7	543.3	396.0
-30°	562.1	623.4	665.4	659.7	665.4	623.4	562.1	491.2	399.9	331.9	274.8
-32.5°	326.7	348.6	361.7	363.4	361.7	348.6	326.7	297.6	259.8	224.7	196.5
-35°	213.1	224.2	230.8	232.2	230.8	224.2	213.1	197.8	179.1	159.2	142.2
-37.5°	143.4	148.3	151.1	153.5	151.1	148.3	143.4	135.9	125.9	113.1	104.7
-40°	101.1	103.0	103.9	104.6	103.9	103.0	101.1	97.7	92.9	86.6	80.6
-42.5°	76.9	77.9	78.4	78.5	78.4	77.9	76.9	74.9	71.9	67.7	63.3
-45°	60.6	61.3	61.7	61.8	61.7	61.3	60.6	59.3	57.2	54.6	51.7
-47.5°	49.6	49.8	50.0	50.1	50.0	49.8	49.6	49.0	48.2	47.3	46.0
-50°	44.5	44.7	44.9	45.1	44.9	44.7	44.5	44.3	43.9	43.6	43.1
-52.5°	42.0	42.0	42.1	42.2	42.1	42.0	42.0	42.0	41.9	41.8	41.7
-55°	41.0	40.8	40.7	40.7	40.7	40.8	41.0	41.3	41.5	41.8	42.2
-57.5°	42.4	42.2	42.0	42.0	42.0	42.2	42.4	42.7	43.0	43.4	43.7
-60°	44.8	45.0	45.1	45.1	45.1	45.0	44.8	44.6	44.3	44.0	43.7
-62.5°	43.9	44.6	44.8	44.9	44.8	44.6	43.9	43.2	42.4	41.7	40.8
-65°	38.7	39.0	39.1	39.1	39.1	39.0	38.7	38.2	37.6	36.9	36.0
-67.5°	32.5	32.6	32.8	32.8	32.8	32.6	32.5	32.2	31.9	31.3	30.6
-70°	27.0	27.2	27.4	27.4	27.4	27.2	27.0	26.8	26.4	25.9	25.4
-72.5°	22.0	22.2	22.2	22.1	22.2	22.2	22.0	21.8	21.5	21.2	20.7
-75°	17.3	17.4	17.5	17.5	17.5	17.4	17.3	17.2	17.1	16.8	16.4
-77.5°	12.8	12.8	12.8	12.7	12.8	12.8	12.8	12.8	12.6	12.5	12.2
-80°	9.2	9.3	9.3	9.2	9.3	9.3	9.2	9.0	8.8	8.6	8.5
-82.5°	6.0	6.1	6.1	6.1	6.1	6.1	6.0	6.0	5.9	5.8	5.7
-85°	3.3	3.3	3.4	3.6	3.4	3.3	3.3	3.2	3.2	3.1	3.1
-87.5°	1.2	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.0	1.0	1.0
-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: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-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°	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	0.9
85°	3.0	2.9	2.9	2.8	2.6	2.5	2.4	2.4	2.3	2.2	2.0
82.5°	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.2	4.0	3.7	3.5
80°	8.4	8.2	8.0	7.8	7.6	7.3	7.0	6.7	6.3	5.9	5.6
77.5°	11.9	11.6	11.3	11.0	10.6	10.2	9.8	9.3	8.9	8.4	7.9
75°	16.0	15.5	15.1	14.6	14.1	13.6	13.0	12.4	11.8	11.2	10.5
72.5°	20.2	19.6	19.0	18.5	17.9	17.2	16.5	15.7	14.9	14.1	13.2
70°	24.8	24.1	23.3	22.6	21.9	21.2	20.2	19.1	18.0	16.9	15.9
67.5°	29.8	28.9	28.0	27.1	26.1	25.1	24.0	22.8	21.5	20.2	18.8
65°	35.0	33.9	32.9	31.8	30.7	29.4	28.0	26.6	25.2	23.6	22.0
62.5°	39.9	38.9	37.9	36.7	35.4	34.0	32.4	30.7	29.0	27.2	25.4
60°	43.4	43.0	42.1	41.1	40.0	38.7	36.9	35.0	33.0	31.0	28.8
57.5°	44.1	44.2	44.0	43.8	43.5	42.4	40.8	39.2	37.2	34.9	32.4
55°	42.5	43.0	43.6	44.2	44.6	44.1	43.6	42.6	40.7	38.8	36.1
52.5°	41.6	42.0	42.5	42.9	43.4	44.0	44.4	43.9	43.5	41.8	39.6
50°	42.7	42.5	42.3	42.2	42.5	42.8	43.3	43.9	44.2	43.6	42.4
47.5°	45.3	44.5	43.6	43.1	42.6	42.2	42.5	42.9	43.7	44.4	43.7
45°	50.1	48.3	46.3	45.1	43.8	43.0	42.3	42.4	42.9	43.7	44.5
42.5°	59.5	55.0	51.5	48.8	46.3	44.8	43.4	42.6	42.4	43.0	43.7
40°	74.2	66.8	61.1	54.8	50.8	47.4	45.4	43.7	42.9	42.6	43.0
37.5°	94.7	84.4	75.2	65.5	58.2	52.0	48.3	45.7	43.8	42.8	42.5
35°	122.9	107.9	93.7	81.1	68.9	60.0	52.5	48.3	45.6	43.5	42.4
32.5°	165.2	142.1	117.5	100.8	84.3	70.4	60.2	52.2	47.5	44.8	43.1
30°	226.7	188.7	155.0	124.6	103.1	84.4	69.1	58.2	50.6	46.2	43.8
27.5°	315.2	247.7	202.6	159.5	124.6	101.1	81.5	65.2	54.4	48.5	45.0
25°	472.7	340.9	259.5	202.9	156.0	118.8	94.8	75.3	60.4	50.9	46.1
22.5°	704.4	499.7	342.2	250.5	192.1	145.2	110.2	85.7	66.0	54.4	48.0
20°	1038.8	710.2	479.5	323.4	234.2	171.1	127.1	97.5	74.9	59.1	49.8
17.5°	1343.6	1004.9	649.3	409.7	286.6	206.6	149.2	108.8	82.5	63.3	51.5
15°	1607.2	1260.0	879.9	553.0	343.0	239.2	169.7	118.9	89.6	68.3	54.6
12.5°	1794.4	1470.5	1092.1	676.7	408.9	275.9	193.9	135.2	97.4	73.3	57.5
10°	1950.5	1636.0	1266.3	841.7	503.3	315.4	215.6	148.9	104.0	77.1	59.7
7.5°	2044.9	1758.3	1400.0	980.9	580.7	348.5	233.4	159.1	109.3	79.9	61.4
5°	2117.0	1845.7	1497.2	1085.9	644.4	373.5	247.6	165.9	113.2	81.5	62.4
2.5°	2170.4	1895.8	1558.5	1149.4	684.2	389.9	257.1	170.8	115.1	83.0	63.3
0°	2178.3	1912.1	1562.3	1160.9	674.1	397.4	260.8	173.7	115.1	83.7	63.7
-2.5°	2170.4	1895.8	1558.5	1149.4	684.2	389.9	257.1	170.8	115.1	83.0	63.3
-5°	2117.0	1845.7	1497.2	1085.9	644.4	373.5	247.6	165.9	113.2	81.5	62.4
-7.5°	2044.9	1758.3	1400.0	980.9	580.7	348.5	233.4	159.1	109.3	79.9	61.4
-10°	1950.5	1636.0	1266.3	841.7	503.3	315.4	215.6	148.9	104.0	77.1	59.7
-12.5°	1794.4	1470.5	1092.1	676.7	408.9	275.9	193.9	135.2	97.4	73.3	57.5
-15°	1607.2	1260.0	879.9	553.0	343.0	239.2	169.7	118.9	89.6	68.3	54.6
-17.5°	1343.6	1004.9	649.3	409.7	286.6	206.6	149.2	108.8	82.5	63.3	51.5
-20°	1038.8	710.2	479.5	323.4	234.2	171.1	127.1	97.5	74.9	59.1	49.8



REPORT NUMBER: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	704.4	499.7	342.2	250.5	192.1	145.2	110.2	85.7	66.0	54.4	48.0
-25°	472.7	340.9	259.5	202.9	156.0	118.8	94.8	75.3	60.4	50.9	46.1
-27.5°	315.2	247.7	202.6	159.5	124.6	101.1	81.5	65.2	54.4	48.5	45.0
-30°	226.7	188.7	155.0	124.6	103.1	84.4	69.1	58.2	50.6	46.2	43.8
-32.5°	165.2	142.1	117.5	100.8	84.3	70.4	60.2	52.2	47.5	44.8	43.1
-35°	122.9	107.9	93.7	81.1	68.9	60.0	52.5	48.3	45.6	43.5	42.4
-37.5°	94.7	84.4	75.2	65.5	58.2	52.0	48.3	45.7	43.8	42.8	42.5
-40°	74.2	66.8	61.1	54.8	50.8	47.4	45.4	43.7	42.9	42.6	43.0
-42.5°	59.5	55.0	51.5	48.8	46.3	44.8	43.4	42.6	42.4	43.0	43.7
-45°	50.1	48.3	46.3	45.1	43.8	43.0	42.3	42.4	42.9	43.7	44.5
-47.5°	45.3	44.5	43.6	43.1	42.6	42.2	42.5	42.9	43.7	44.4	43.7
-50°	42.7	42.5	42.3	42.2	42.5	42.8	43.3	43.9	44.2	43.6	42.4
-52.5°	41.6	42.0	42.5	42.9	43.4	44.0	44.4	43.9	43.5	41.8	39.6
-55°	42.5	43.0	43.6	44.2	44.6	44.1	43.6	42.6	40.7	38.8	36.1
-57.5°	44.1	44.2	44.0	43.8	43.5	42.4	40.8	39.2	37.2	34.9	32.4
-60°	43.4	43.0	42.1	41.1	40.0	38.7	36.9	35.0	33.0	31.0	28.8
-62.5°	39.9	38.9	37.9	36.7	35.4	34.0	32.4	30.7	29.0	27.2	25.4
-65°	35.0	33.9	32.9	31.8	30.7	29.4	28.0	26.6	25.2	23.6	22.0
-67.5°	29.8	28.9	28.0	27.1	26.1	25.1	24.0	22.8	21.5	20.2	18.8
-70°	24.8	24.1	23.3	22.6	21.9	21.2	20.2	19.1	18.0	16.9	15.9
-72.5°	20.2	19.6	19.0	18.5	17.9	17.2	16.5	15.7	14.9	14.1	13.2
-75°	16.0	15.5	15.1	14.6	14.1	13.6	13.0	12.4	11.8	11.2	10.5
-77.5°	11.9	11.6	11.3	11.0	10.6	10.2	9.8	9.3	8.9	8.4	7.9
-80°	8.4	8.2	8.0	7.8	7.6	7.3	7.0	6.7	6.3	5.9	5.6
-82.5°	5.6	5.5	5.3	5.1	4.9	4.7	4.5	4.2	4.0	3.7	3.5
-85°	3.0	2.9	2.9	2.8	2.6	2.5	2.4	2.4	2.3	2.2	2.0
-87.5°	0.9	0.9	0.9	1.0	1.0	1.0	1.1	1.0	1.0	1.0	0.9
-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: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-XX

**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°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
85°	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8
82.5°	3.2	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6	1.4	1.2
80°	5.2	4.8	4.5	4.1	3.7	3.3	3.0	2.7	2.4	2.1	1.7
77.5°	7.3	6.8	6.2	5.7	5.1	4.6	4.1	3.6	3.2	2.8	2.4
75°	9.6	8.9	8.2	7.4	6.6	5.9	5.2	4.6	4.1	3.5	3.1
72.5°	12.3	11.3	10.3	9.3	8.3	7.4	6.5	5.6	4.9	4.3	3.7
70°	14.9	13.8	12.6	11.4	10.2	8.9	7.9	6.8	5.8	5.1	4.4
67.5°	17.5	16.3	15.0	13.6	12.2	10.7	9.3	8.1	7.0	5.8	5.0
65°	20.5	18.9	17.3	15.8	14.2	12.6	11.0	9.5	8.1	6.8	5.6
62.5°	23.5	21.7	19.9	18.1	16.3	14.5	12.6	11.0	9.3	7.8	6.4
60°	26.7	24.6	22.5	20.4	18.4	16.4	14.4	12.4	10.6	8.8	7.3
57.5°	30.0	27.6	25.2	22.8	20.5	18.4	16.1	14.0	11.9	9.9	8.1
55°	33.4	30.7	27.9	25.3	22.7	20.2	17.9	15.5	13.2	11.0	8.9
52.5°	36.9	33.8	30.8	27.8	25.0	22.1	19.6	17.0	14.5	12.1	9.9
50°	40.0	37.0	33.6	30.3	27.2	24.2	21.3	18.5	15.8	13.2	10.8
47.5°	42.5	39.7	36.4	32.8	29.4	26.2	23.1	20.0	17.0	14.3	11.7
45°	43.6	42.0	38.9	35.3	31.6	28.2	24.8	21.5	18.3	15.3	12.5
42.5°	44.2	43.2	41.0	37.7	33.9	30.2	26.5	23.0	19.6	16.3	13.3
40°	43.6	43.8	42.7	39.7	36.1	32.0	28.2	24.5	20.8	17.3	14.2
37.5°	42.9	43.7	43.2	41.6	38.1	34.0	29.9	25.9	22.0	18.3	14.9
35°	42.5	43.0	43.8	42.7	39.8	35.8	31.4	27.2	23.2	19.3	15.7
32.5°	42.1	42.5	43.4	43.2	41.4	37.6	33.0	28.5	24.3	20.2	16.4
30°	42.4	42.2	42.9	43.6	42.5	39.0	34.5	29.8	25.3	21.1	17.1
27.5°	42.9	41.9	42.4	43.4	42.9	40.2	35.8	30.9	26.3	21.9	17.8
25°	43.5	42.1	42.2	43.0	43.2	41.4	37.1	31.9	27.2	22.7	18.4
22.5°	44.4	42.4	41.9	42.6	43.5	42.4	38.1	33.0	28.1	23.4	19.0
20°	45.2	42.7	41.6	42.3	43.4	42.7	39.0	33.9	28.8	24.0	19.5
17.5°	46.0	43.1	41.8	42.1	43.1	42.9	39.7	34.7	29.5	24.6	20.0
15°	47.4	43.7	42.0	41.9	42.9	43.1	40.4	35.4	30.1	25.1	20.4
12.5°	48.5	44.2	42.1	41.7	42.6	43.2	41.0	36.0	30.5	25.5	20.7
10°	49.5	44.6	42.2	41.5	42.4	43.4	41.5	36.5	31.0	25.8	21.0
7.5°	50.2	44.9	42.3	41.4	42.2	43.5	41.9	37.1	31.4	26.1	21.2
5°	50.7	45.2	42.4	41.3	42.1	43.5	42.3	37.5	31.7	26.2	21.4
2.5°	51.2	45.6	42.6	41.3	42.0	43.6	42.5	37.8	31.9	26.3	21.5
0°	51.4	45.9	42.8	41.3	42.0	43.6	42.6	38.0	32.0	26.3	21.5
-2.5°	51.2	45.6	42.6	41.3	42.0	43.6	42.5	37.8	31.9	26.3	21.5
-5°	50.7	45.2	42.4	41.3	42.1	43.5	42.3	37.5	31.7	26.2	21.4
-7.5°	50.2	44.9	42.3	41.4	42.2	43.5	41.9	37.1	31.4	26.1	21.2
-10°	49.5	44.6	42.2	41.5	42.4	43.4	41.5	36.5	31.0	25.8	21.0
-12.5°	48.5	44.2	42.1	41.7	42.6	43.2	41.0	36.0	30.5	25.5	20.7
-15°	47.4	43.7	42.0	41.9	42.9	43.1	40.4	35.4	30.1	25.1	20.4
-17.5°	46.0	43.1	41.8	42.1	43.1	42.9	39.7	34.7	29.5	24.6	20.0
-20°	45.2	42.7	41.6	42.3	43.4	42.7	39.0	33.9	28.8	24.0	19.5



REPORT NUMBER: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	44.4	42.4	41.9	42.6	43.5	42.4	38.1	33.0	28.1	23.4	19.0
-25°	43.5	42.1	42.2	43.0	43.2	41.4	37.1	31.9	27.2	22.7	18.4
-27.5°	42.9	41.9	42.4	43.4	42.9	40.2	35.8	30.9	26.3	21.9	17.8
-30°	42.4	42.2	42.9	43.6	42.5	39.0	34.5	29.8	25.3	21.1	17.1
-32.5°	42.1	42.5	43.4	43.2	41.4	37.6	33.0	28.5	24.3	20.2	16.4
-35°	42.5	43.0	43.8	42.7	39.8	35.8	31.4	27.2	23.2	19.3	15.7
-37.5°	42.9	43.7	43.2	41.6	38.1	34.0	29.9	25.9	22.0	18.3	14.9
-40°	43.6	43.8	42.7	39.7	36.1	32.0	28.2	24.5	20.8	17.3	14.2
-42.5°	44.2	43.2	41.0	37.7	33.9	30.2	26.5	23.0	19.6	16.3	13.3
-45°	43.6	42.0	38.9	35.3	31.6	28.2	24.8	21.5	18.3	15.3	12.5
-47.5°	42.5	39.7	36.4	32.8	29.4	26.2	23.1	20.0	17.0	14.3	11.7
-50°	40.0	37.0	33.6	30.3	27.2	24.2	21.3	18.5	15.8	13.2	10.8
-52.5°	36.9	33.8	30.8	27.8	25.0	22.1	19.6	17.0	14.5	12.1	9.9
-55°	33.4	30.7	27.9	25.3	22.7	20.2	17.9	15.5	13.2	11.0	8.9
-57.5°	30.0	27.6	25.2	22.8	20.5	18.4	16.1	14.0	11.9	9.9	8.1
-60°	26.7	24.6	22.5	20.4	18.4	16.4	14.4	12.4	10.6	8.8	7.3
-62.5°	23.5	21.7	19.9	18.1	16.3	14.5	12.6	11.0	9.3	7.8	6.4
-65°	20.5	18.9	17.3	15.8	14.2	12.6	11.0	9.5	8.1	6.8	5.6
-67.5°	17.5	16.3	15.0	13.6	12.2	10.7	9.3	8.1	7.0	5.8	5.0
-70°	14.9	13.8	12.6	11.4	10.2	8.9	7.9	6.8	5.8	5.1	4.4
-72.5°	12.3	11.3	10.3	9.3	8.3	7.4	6.5	5.6	4.9	4.3	3.7
-75°	9.6	8.9	8.2	7.4	6.6	5.9	5.2	4.6	4.1	3.5	3.1
-77.5°	7.3	6.8	6.2	5.7	5.1	4.6	4.1	3.6	3.2	2.8	2.4
-80°	5.2	4.8	4.5	4.1	3.7	3.3	3.0	2.7	2.4	2.1	1.7
-82.5°	3.2	3.1	2.9	2.7	2.5	2.3	2.1	1.8	1.6	1.4	1.2
-85°	1.9	1.8	1.7	1.6	1.4	1.3	1.2	1.1	1.0	0.9	0.8
-87.5°	0.9	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
-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: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-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°	0.3	0.3	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
82.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
80°	1.4	1.1	0.9	0.7	0.5	0.2	0.0
77.5°	2.0	1.5	1.1	0.8	0.6	0.3	0.0
75°	2.5	1.9	1.4	1.0	0.7	0.3	0.0
72.5°	3.1	2.4	1.7	1.2	0.8	0.4	0.0
70°	3.6	2.8	2.1	1.3	0.9	0.4	0.0
67.5°	4.2	3.3	2.4	1.6	1.0	0.5	0.0
65°	4.7	3.7	2.8	1.8	1.1	0.5	0.0
62.5°	5.3	4.2	3.1	2.1	1.2	0.6	0.0
60°	5.8	4.7	3.4	2.3	1.3	0.6	0.0
57.5°	6.5	5.1	3.8	2.5	1.5	0.7	0.0
55°	7.2	5.6	4.1	2.8	1.6	0.7	0.0
52.5°	7.9	6.0	4.5	3.0	1.7	0.8	0.0
50°	8.5	6.6	4.9	3.2	1.9	0.8	0.0
47.5°	9.2	7.1	5.2	3.4	2.0	0.9	0.0
45°	9.9	7.6	5.6	3.6	2.2	0.9	0.0
42.5°	10.6	8.1	5.9	3.9	2.3	1.0	0.0
40°	11.2	8.6	6.2	4.1	2.4	1.0	0.0
37.5°	11.8	9.0	6.6	4.4	2.5	1.0	0.0
35°	12.4	9.5	6.9	4.6	2.7	1.1	0.0
32.5°	12.9	9.9	7.2	4.8	2.8	1.1	0.0
30°	13.5	10.3	7.5	5.0	2.9	1.1	0.0
27.5°	14.0	10.7	7.8	5.1	3.0	1.2	0.0
25°	14.5	11.0	8.0	5.3	3.1	1.2	0.0
22.5°	14.9	11.3	8.2	5.4	3.2	1.2	0.0
20°	15.3	11.6	8.4	5.5	3.2	1.2	0.0
17.5°	15.7	11.8	8.5	5.6	3.3	1.2	0.0
15°	16.0	12.0	8.7	5.7	3.4	1.3	0.0
12.5°	16.3	12.2	8.8	5.7	3.4	1.3	0.0
10°	16.5	12.3	8.9	5.8	3.5	1.3	0.0
7.5°	16.7	12.4	8.9	5.8	3.5	1.3	0.0
5°	16.8	12.5	9.0	5.8	3.6	1.3	0.0
2.5°	16.9	12.5	9.0	5.8	3.6	1.3	0.0
0°	16.9	12.5	9.0	5.8	3.6	1.3	0.0
-2.5°	16.9	12.5	9.0	5.8	3.6	1.3	0.0
-5°	16.8	12.5	9.0	5.8	3.6	1.3	0.0
-7.5°	16.7	12.4	8.9	5.8	3.5	1.3	0.0
-10°	16.5	12.3	8.9	5.8	3.5	1.3	0.0
-12.5°	16.3	12.2	8.8	5.7	3.4	1.3	0.0
-15°	16.0	12.0	8.7	5.7	3.4	1.3	0.0
-17.5°	15.7	11.8	8.5	5.6	3.3	1.2	0.0
-20°	15.3	11.6	8.4	5.5	3.2	1.2	0.0



REPORT NUMBER: P558484 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	14.9	11.3	8.2	5.4	3.2	1.2	0.0
-25°	14.5	11.0	8.0	5.3	3.1	1.2	0.0
-27.5°	14.0	10.7	7.8	5.1	3.0	1.2	0.0
-30°	13.5	10.3	7.5	5.0	2.9	1.1	0.0
-32.5°	12.9	9.9	7.2	4.8	2.8	1.1	0.0
-35°	12.4	9.5	6.9	4.6	2.7	1.1	0.0
-37.5°	11.8	9.0	6.6	4.4	2.5	1.0	0.0
-40°	11.2	8.6	6.2	4.1	2.4	1.0	0.0
-42.5°	10.6	8.1	5.9	3.9	2.3	1.0	0.0
-45°	9.9	7.6	5.6	3.6	2.2	0.9	0.0
-47.5°	9.2	7.1	5.2	3.4	2.0	0.9	0.0
-50°	8.5	6.6	4.9	3.2	1.9	0.8	0.0
-52.5°	7.9	6.0	4.5	3.0	1.7	0.8	0.0
-55°	7.2	5.6	4.1	2.8	1.6	0.7	0.0
-57.5°	6.5	5.1	3.8	2.5	1.5	0.7	0.0
-60°	5.8	4.7	3.4	2.3	1.3	0.6	0.0
-62.5°	5.3	4.2	3.1	2.1	1.2	0.6	0.0
-65°	4.7	3.7	2.8	1.8	1.1	0.5	0.0
-67.5°	4.2	3.3	2.4	1.6	1.0	0.5	0.0
-70°	3.6	2.8	2.1	1.3	0.9	0.4	0.0
-72.5°	3.1	2.4	1.7	1.2	0.8	0.4	0.0
-75°	2.5	1.9	1.4	1.0	0.7	0.3	0.0
-77.5°	2.0	1.5	1.1	0.8	0.6	0.3	0.0
-80°	1.4	1.1	0.9	0.7	0.5	0.2	0.0
-82.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0
-85°	0.7	0.6	0.5	0.3	0.2	0.1	0.0
-87.5°	0.3	0.3	0.2	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)