

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: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2101-125-5)  
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-MWR-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5  
Light Source: (16) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

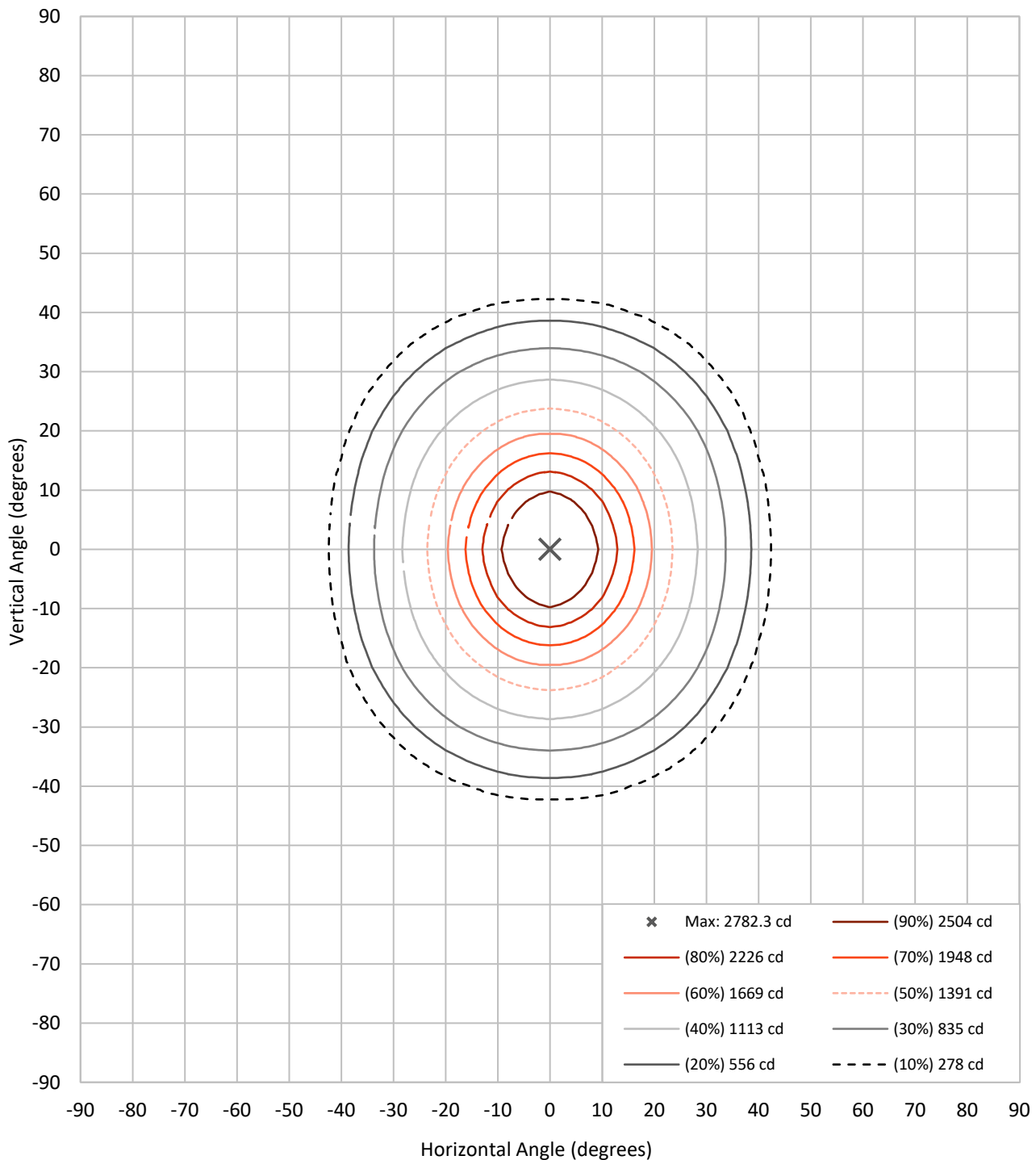
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	2165.8 lumens	Max Intensity:	2782.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	120.3 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	1022 lumens	Field Lumens:	1966.6 lumens
Beam Efficiency:	47.2%	Field Efficiency:	90.8%

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





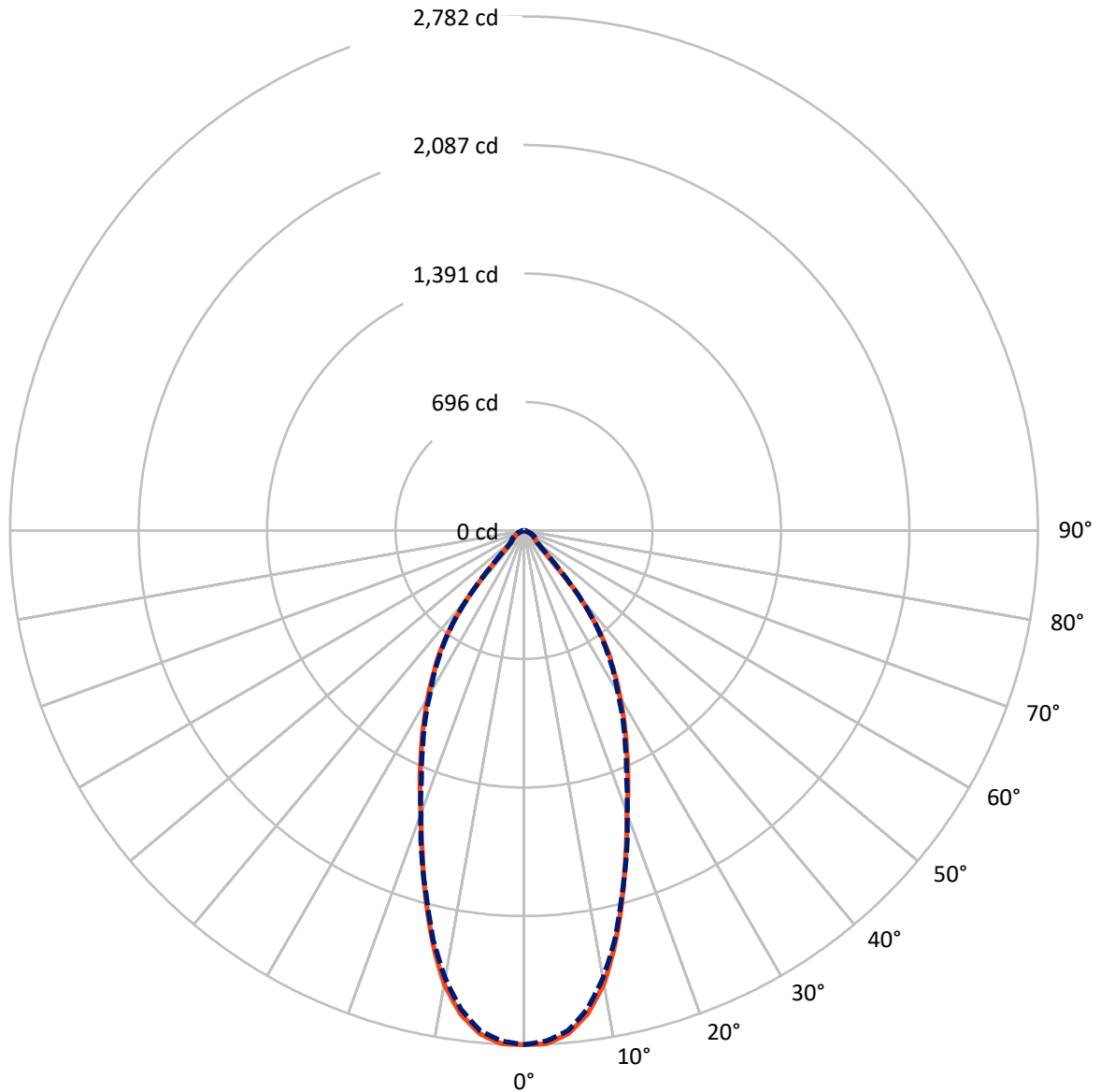
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### Lumen Table

90																			
80	0.0	0.3		0.6		1.0		0.8		1.0		0.6		0.3		0.0			
70																			
60	0.2	0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.2			
50		0.3	0.5	0.9	1.2	1.6	1.8	2.0	2.0	1.8	1.6	1.2	0.9	0.5	0.3				
40	0.2	0.3	0.7	1.2	1.8	2.4	3.8	5.4	5.4	3.8	2.4	1.8	1.2	0.7	0.3	0.2			
30		0.4	0.9	1.5	2.9	9.1	17.8	22.6	22.6	17.8	9.1	2.9	1.5	0.9	0.4				
20	0.3	0.5	1.1	1.9	8.3	21.8	32.2	39.0	39.0	32.2	21.8	8.3	1.9	1.1	0.5	0.3			
10		0.5	1.2	2.9	15.2	30.1	45.7	59.5	59.5	45.7	30.1	15.2	2.9	1.2	0.5				
0	0.3	0.6	1.3	4.0	18.5	35.1	57.5	77.8	77.8	57.5	35.1	18.5	4.0	1.3	0.6	0.3			
-10		0.6	1.3	4.0	18.5	35.1	57.5	77.8	77.8	57.5	35.1	18.5	4.0	1.3	0.6				
-20	0.3	0.5	1.2	2.9	15.2	30.1	45.7	59.5	59.5	45.7	30.1	15.2	2.9	1.2	0.5	0.3			
-30		0.5	1.1	1.9	8.3	21.8	32.2	39.0	39.0	32.2	21.8	8.3	1.9	1.1	0.5				
-40	0.2	0.4	0.9	1.5	2.9	9.1	17.8	22.6	22.6	17.8	9.1	2.9	1.5	0.9	0.4	0.2			
-50		0.3	0.7	1.2	1.8	2.4	3.8	5.4	5.4	3.8	2.4	1.8	1.2	0.7	0.3				
-60	0.2	0.3	0.5	0.9	1.2	1.6	1.8	2.0	2.0	1.8	1.6	1.2	0.9	0.5	0.3	0.2			
-70		0.2	0.3	0.5	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2				
-80	0.0	0.3		0.6		1.0		0.8		1.0		0.6		0.3		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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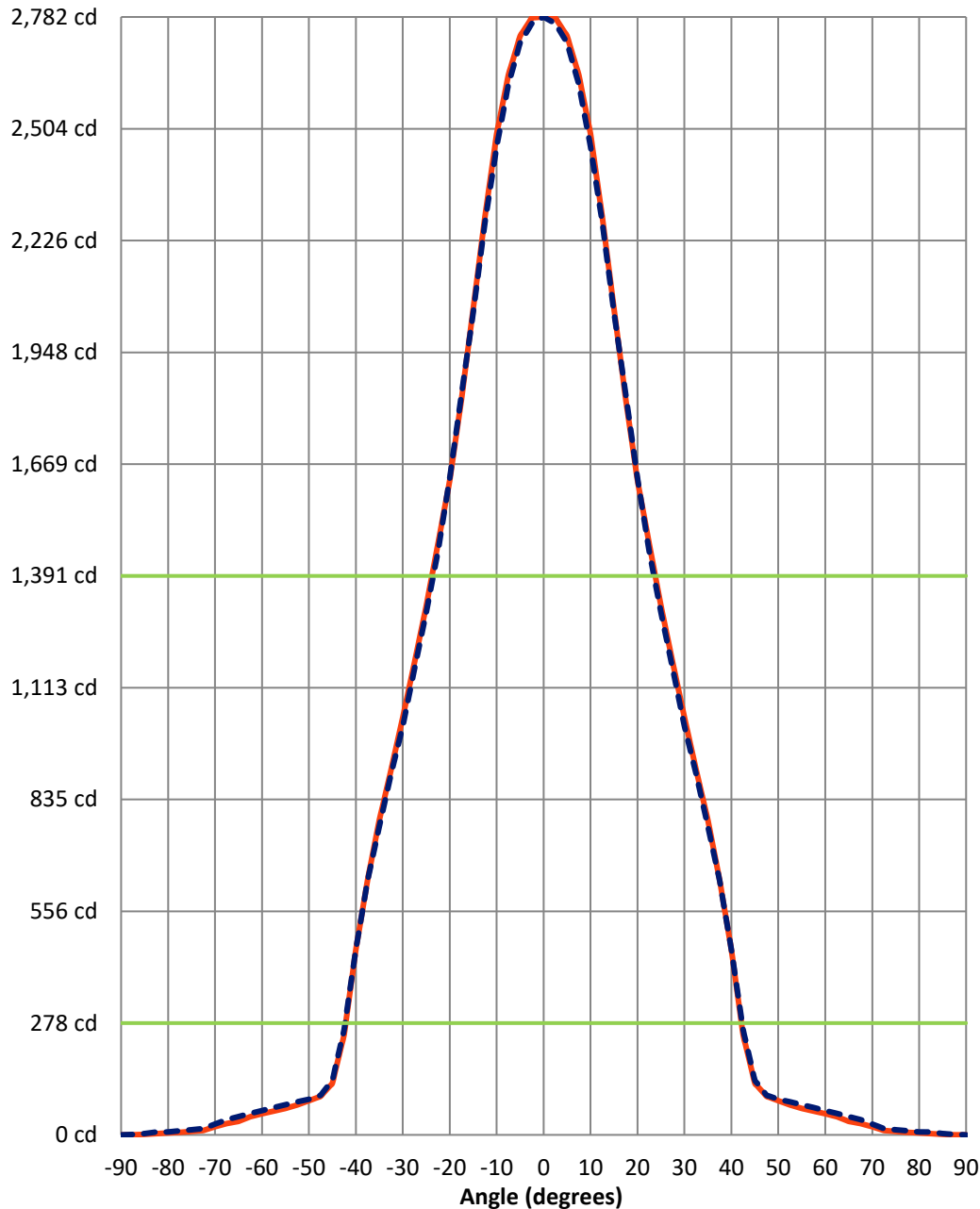
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 47°  
V Angle: 47.6°  
Lumens: 1022  
Efficiency: 47.2%

**Field:**  
H Angle: 84.6°  
V Angle: 84.3°  
Lumens: 1966.6  
Efficiency: 90.8%

**Spill:**  
Lumens: 199.3  
Efficiency: 9.2%

— 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	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	1.1
82.5°	0.0	0.1	0.3	0.4	0.6	0.9	1.2	1.3	1.5	1.8	2.0
80°	0.0	0.2	0.3	0.6	0.9	1.2	1.6	2.1	2.5	2.8	3.0
77.5°	0.0	0.2	0.4	0.7	1.1	1.6	2.5	3.1	3.5	3.9	4.2
75°	0.0	0.3	0.5	0.9	1.3	2.3	3.3	4.1	4.6	5.2	5.6
72.5°	0.0	0.3	0.6	1.0	1.8	2.9	4.2	5.1	5.9	6.6	7.1
70°	0.0	0.3	0.7	1.2	2.3	3.6	5.0	6.3	7.3	8.0	9.1
67.5°	0.0	0.4	0.8	1.5	2.8	4.2	6.0	7.6	8.6	9.8	11.3
65°	0.0	0.4	0.8	1.8	3.2	4.9	7.0	8.8	10.0	11.5	13.3
62.5°	0.0	0.5	0.9	2.1	3.7	5.6	7.9	10.0	11.4	13.2	15.2
60°	0.0	0.5	1.0	2.4	4.1	6.3	8.7	11.0	12.7	14.9	17.1
57.5°	0.0	0.5	1.2	2.7	4.6	6.9	9.3	11.9	14.1	16.5	18.7
55°	0.0	0.6	1.4	3.0	5.0	7.5	9.8	12.6	15.6	18.1	20.2
52.5°	0.0	0.6	1.5	3.3	5.4	8.0	10.3	13.5	17.0	19.4	21.6
50°	0.0	0.6	1.7	3.5	5.8	8.3	10.6	14.3	18.3	20.7	23.3
47.5°	0.0	0.7	1.9	3.7	6.2	8.5	10.9	15.1	19.4	22.0	24.8
45°	0.0	0.7	2.0	4.0	6.5	8.6	11.5	15.7	20.0	23.3	26.4
42.5°	0.0	0.7	2.2	4.2	6.8	8.7	11.9	16.1	20.4	24.6	27.9
40°	0.0	0.8	2.3	4.5	7.0	8.8	12.3	16.4	20.8	25.8	29.4
37.5°	0.0	0.8	2.5	4.7	7.0	8.8	12.5	16.6	21.2	26.4	30.8
35°	0.0	0.8	2.6	4.9	7.0	8.9	12.7	16.7	21.6	27.2	32.2
32.5°	0.0	0.8	2.7	5.2	7.0	9.0	12.8	16.8	21.9	28.2	33.5
30°	0.0	0.9	2.8	5.4	6.9	9.1	12.8	16.8	22.1	29.4	34.8
27.5°	0.0	0.9	2.9	5.6	7.0	9.1	12.7	16.9	22.5	30.8	36.0
25°	0.0	0.9	3.0	5.8	7.0	9.1	12.6	17.0	23.4	31.9	37.2
22.5°	0.0	0.9	3.0	6.0	7.1	9.1	12.4	16.9	24.4	32.8	38.7
20°	0.0	0.9	3.1	6.2	7.2	9.3	12.2	16.9	25.4	33.7	40.0
17.5°	0.0	1.0	3.2	6.4	7.2	9.5	12.2	16.7	26.3	34.5	41.2
15°	0.0	1.0	3.2	6.5	7.2	9.7	12.4	16.6	27.2	35.2	42.2
12.5°	0.0	1.0	3.3	6.7	7.3	9.9	12.5	16.7	27.8	35.9	43.1
10°	0.0	1.0	3.3	6.8	7.3	10.0	12.6	16.7	28.1	36.4	43.9
7.5°	0.0	1.0	3.3	6.9	7.3	10.1	12.7	16.5	28.1	36.9	44.5
5°	0.0	1.0	3.3	7.0	7.3	10.1	12.7	16.3	27.9	37.4	45.0
2.5°	0.0	1.0	3.3	7.0	7.3	10.2	12.7	16.0	27.5	37.8	45.3
0°	0.0	1.0	3.3	7.1	7.3	10.2	12.7	15.7	26.9	38.0	45.5
-2.5°	0.0	1.0	3.3	7.0	7.3	10.2	12.7	16.0	27.5	37.8	45.3
-5°	0.0	1.0	3.3	7.0	7.3	10.1	12.7	16.3	27.9	37.4	45.0
-7.5°	0.0	1.0	3.3	6.9	7.3	10.1	12.7	16.5	28.1	36.9	44.5
-10°	0.0	1.0	3.3	6.8	7.3	10.0	12.6	16.7	28.1	36.4	43.9
-12.5°	0.0	1.0	3.3	6.7	7.3	9.9	12.5	16.7	27.8	35.9	43.1
-15°	0.0	1.0	3.2	6.5	7.2	9.7	12.4	16.6	27.2	35.2	42.2
-17.5°	0.0	1.0	3.2	6.4	7.2	9.5	12.2	16.7	26.3	34.5	41.2
-20°	0.0	0.9	3.1	6.2	7.2	9.3	12.2	16.9	25.4	33.7	40.0



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**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.9	3.0	6.0	7.1	9.1	12.4	16.9	24.4	32.8	38.7
-25°	0.0	0.9	3.0	5.8	7.0	9.1	12.6	17.0	23.4	31.9	37.2
-27.5°	0.0	0.9	2.9	5.6	7.0	9.1	12.7	16.9	22.5	30.8	36.0
-30°	0.0	0.9	2.8	5.4	6.9	9.1	12.8	16.8	22.1	29.4	34.8
-32.5°	0.0	0.8	2.7	5.2	7.0	9.0	12.8	16.8	21.9	28.2	33.5
-35°	0.0	0.8	2.6	4.9	7.0	8.9	12.7	16.7	21.6	27.2	32.2
-37.5°	0.0	0.8	2.5	4.7	7.0	8.8	12.5	16.6	21.2	26.4	30.8
-40°	0.0	0.8	2.3	4.5	7.0	8.8	12.3	16.4	20.8	25.8	29.4
-42.5°	0.0	0.7	2.2	4.2	6.8	8.7	11.9	16.1	20.4	24.6	27.9
-45°	0.0	0.7	2.0	4.0	6.5	8.6	11.5	15.7	20.0	23.3	26.4
-47.5°	0.0	0.7	1.9	3.7	6.2	8.5	10.9	15.1	19.4	22.0	24.8
-50°	0.0	0.6	1.7	3.5	5.8	8.3	10.6	14.3	18.3	20.7	23.3
-52.5°	0.0	0.6	1.5	3.3	5.4	8.0	10.3	13.5	17.0	19.4	21.6
-55°	0.0	0.6	1.4	3.0	5.0	7.5	9.8	12.6	15.6	18.1	20.2
-57.5°	0.0	0.5	1.2	2.7	4.6	6.9	9.3	11.9	14.1	16.5	18.7
-60°	0.0	0.5	1.0	2.4	4.1	6.3	8.7	11.0	12.7	14.9	17.1
-62.5°	0.0	0.5	0.9	2.1	3.7	5.6	7.9	10.0	11.4	13.2	15.2
-65°	0.0	0.4	0.8	1.8	3.2	4.9	7.0	8.8	10.0	11.5	13.3
-67.5°	0.0	0.4	0.8	1.5	2.8	4.2	6.0	7.6	8.6	9.8	11.3
-70°	0.0	0.3	0.7	1.2	2.3	3.6	5.0	6.3	7.3	8.0	9.1
-72.5°	0.0	0.3	0.6	1.0	1.8	2.9	4.2	5.1	5.9	6.6	7.1
-75°	0.0	0.3	0.5	0.9	1.3	2.3	3.3	4.1	4.6	5.2	5.6
-77.5°	0.0	0.2	0.4	0.7	1.1	1.6	2.5	3.1	3.5	3.9	4.2
-80°	0.0	0.2	0.3	0.6	0.9	1.2	1.6	2.1	2.5	2.8	3.0
-82.5°	0.0	0.1	0.3	0.4	0.6	0.9	1.2	1.3	1.5	1.8	2.0
-85°	0.0	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	1.1
-87.5°	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	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-MWR-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°	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
85°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.3	1.5	1.7
82.5°	2.1	2.3	2.5	2.6	2.6	2.6	2.5	2.4	2.8	3.2	3.7
80°	3.3	3.5	3.9	4.3	4.5	4.4	4.3	4.1	4.6	5.4	6.2
77.5°	4.7	5.2	5.8	6.4	6.5	6.4	6.2	5.7	6.4	7.6	8.9
75°	6.2	6.9	7.8	8.6	8.7	8.5	8.1	7.7	8.4	9.9	11.4
72.5°	8.1	9.3	10.2	10.8	10.9	10.6	10.4	10.2	11.1	12.9	14.3
70°	10.5	11.7	12.4	12.8	12.9	13.0	13.6	14.2	15.1	16.6	17.8
67.5°	12.9	13.8	14.5	15.0	15.9	16.7	17.5	18.4	19.3	20.6	21.5
65°	15.0	16.0	16.8	17.9	19.2	20.3	21.4	22.5	23.9	25.1	26.0
62.5°	17.1	18.2	19.4	20.8	22.3	23.7	25.3	27.0	28.6	29.9	31.4
60°	18.9	20.3	21.8	23.6	25.4	27.5	29.5	31.4	33.1	34.8	36.9
57.5°	20.6	22.4	24.3	26.4	28.8	31.4	33.7	35.8	38.0	40.4	42.5
55°	22.3	24.6	26.8	29.3	32.2	35.3	37.8	40.1	42.8	45.8	48.1
52.5°	24.2	26.8	29.3	32.3	35.8	38.9	41.5	44.4	47.7	50.9	53.6
50°	26.0	28.8	31.8	35.6	39.1	42.0	45.2	48.8	52.2	55.5	58.7
47.5°	27.8	30.9	34.8	38.7	42.0	45.4	49.2	52.8	56.4	59.9	63.2
45°	29.6	33.2	37.6	41.4	44.9	48.9	52.8	56.6	60.4	64.1	67.7
42.5°	31.3	35.6	40.0	43.9	48.0	52.1	56.2	60.3	64.3	68.2	72.1
40°	33.2	37.7	42.4	46.6	50.9	55.2	59.5	63.8	68.0	72.2	76.3
37.5°	35.0	39.9	44.8	49.2	53.6	58.1	62.6	67.2	71.6	75.9	80.6
35°	36.6	42.1	47.0	51.6	56.3	60.9	65.6	70.4	75.0	79.8	85.7
32.5°	38.3	44.4	49.2	54.0	58.8	63.6	68.5	73.5	78.5	84.0	92.6
30°	40.3	46.2	51.2	56.3	61.2	66.2	71.3	76.5	81.8	90.3	110.2
27.5°	42.2	47.9	53.2	58.4	63.5	68.6	73.9	79.4	86.7	99.9	132.1
25°	44.0	49.6	55.0	60.3	65.5	70.8	76.4	82.1	92.0	118.6	189.6
22.5°	45.5	51.2	56.8	62.1	67.4	72.9	78.7	86.2	101.5	137.5	253.7
20°	46.8	52.7	58.4	63.9	69.1	74.8	80.8	90.1	116.0	191.4	330.5
17.5°	48.0	54.1	59.9	65.7	71.2	76.7	82.8	93.5	129.0	238.3	407.7
15°	49.1	55.3	61.4	67.3	73.0	78.7	86.1	103.2	155.4	284.8	476.5
12.5°	50.0	56.4	62.6	68.9	74.7	80.6	89.0	112.8	187.7	339.4	523.4
10°	50.9	57.3	63.8	70.2	76.1	82.2	91.5	120.6	214.3	384.4	561.2
7.5°	51.7	58.2	64.9	71.5	77.4	83.6	93.5	126.7	234.8	418.2	591.3
5°	52.4	59.1	66.1	72.8	79.0	85.1	95.3	131.1	249.2	441.0	613.2
2.5°	52.9	59.8	67.2	74.0	80.7	87.0	97.3	134.4	258.5	455.5	627.2
0°	53.3	60.4	68.1	75.0	82.3	88.6	98.8	136.0	261.9	460.8	632.5
-2.5°	52.9	59.8	67.2	74.0	80.7	87.0	97.3	134.4	258.5	455.5	627.2
-5°	52.4	59.1	66.1	72.8	79.0	85.1	95.3	131.1	249.2	441.0	613.2
-7.5°	51.7	58.2	64.9	71.5	77.4	83.6	93.5	126.7	234.8	418.2	591.3
-10°	50.9	57.3	63.8	70.2	76.1	82.2	91.5	120.6	214.3	384.4	561.2
-12.5°	50.0	56.4	62.6	68.9	74.7	80.6	89.0	112.8	187.7	339.4	523.4
-15°	49.1	55.3	61.4	67.3	73.0	78.7	86.1	103.2	155.4	284.8	476.5
-17.5°	48.0	54.1	59.9	65.7	71.2	76.7	82.8	93.5	129.0	238.3	407.7
-20°	46.8	52.7	58.4	63.9	69.1	74.8	80.8	90.1	116.0	191.4	330.5



REPORT NUMBER: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	45.5	51.2	56.8	62.1	67.4	72.9	78.7	86.2	101.5	137.5	253.7
-25°	44.0	49.6	55.0	60.3	65.5	70.8	76.4	82.1	92.0	118.6	189.6
-27.5°	42.2	47.9	53.2	58.4	63.5	68.6	73.9	79.4	86.7	99.9	132.1
-30°	40.3	46.2	51.2	56.3	61.2	66.2	71.3	76.5	81.8	90.3	110.2
-32.5°	38.3	44.4	49.2	54.0	58.8	63.6	68.5	73.5	78.5	84.0	92.6
-35°	36.6	42.1	47.0	51.6	56.3	60.9	65.6	70.4	75.0	79.8	85.7
-37.5°	35.0	39.9	44.8	49.2	53.6	58.1	62.6	67.2	71.6	75.9	80.6
-40°	33.2	37.7	42.4	46.6	50.9	55.2	59.5	63.8	68.0	72.2	76.3
-42.5°	31.3	35.6	40.0	43.9	48.0	52.1	56.2	60.3	64.3	68.2	72.1
-45°	29.6	33.2	37.6	41.4	44.9	48.9	52.8	56.6	60.4	64.1	67.7
-47.5°	27.8	30.9	34.8	38.7	42.0	45.4	49.2	52.8	56.4	59.9	63.2
-50°	26.0	28.8	31.8	35.6	39.1	42.0	45.2	48.8	52.2	55.5	58.7
-52.5°	24.2	26.8	29.3	32.3	35.8	38.9	41.5	44.4	47.7	50.9	53.6
-55°	22.3	24.6	26.8	29.3	32.2	35.3	37.8	40.1	42.8	45.8	48.1
-57.5°	20.6	22.4	24.3	26.4	28.8	31.4	33.7	35.8	38.0	40.4	42.5
-60°	18.9	20.3	21.8	23.6	25.4	27.5	29.5	31.4	33.1	34.8	36.9
-62.5°	17.1	18.2	19.4	20.8	22.3	23.7	25.3	27.0	28.6	29.9	31.4
-65°	15.0	16.0	16.8	17.9	19.2	20.3	21.4	22.5	23.9	25.1	26.0
-67.5°	12.9	13.8	14.5	15.0	15.9	16.7	17.5	18.4	19.3	20.6	21.5
-70°	10.5	11.7	12.4	12.8	12.9	13.0	13.6	14.2	15.1	16.6	17.8
-72.5°	8.1	9.3	10.2	10.8	10.9	10.6	10.4	10.2	11.1	12.9	14.3
-75°	6.2	6.9	7.8	8.6	8.7	8.5	8.1	7.7	8.4	9.9	11.4
-77.5°	4.7	5.2	5.8	6.4	6.5	6.4	6.2	5.7	6.4	7.6	8.9
-80°	3.3	3.5	3.9	4.3	4.5	4.4	4.3	4.1	4.6	5.4	6.2
-82.5°	2.1	2.3	2.5	2.6	2.6	2.6	2.5	2.4	2.8	3.2	3.7
-85°	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.1	1.3	1.5	1.7
-87.5°	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
-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: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-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°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
85°	1.9	1.8	1.7	1.6	1.5	1.5	1.6	1.7	1.8	1.7	1.6
82.5°	4.2	4.3	4.3	4.3	4.2	4.4	4.6	4.7	4.9	4.5	4.1
80°	7.1	7.4	7.6	7.8	8.0	8.0	7.9	7.7	7.4	6.8	6.1
77.5°	10.2	10.8	11.0	11.3	11.6	11.7	11.8	11.8	11.9	10.8	9.4
75°	12.7	13.5	14.0	14.4	14.8	15.0	15.1	15.2	15.3	13.9	12.2
72.5°	15.5	16.3	16.8	17.4	17.9	18.2	18.4	18.5	18.6	17.4	15.8
70°	18.6	19.2	19.9	20.6	21.2	21.6	21.8	22.0	22.2	22.1	22.0
67.5°	22.3	22.8	23.6	24.2	24.8	25.3	25.8	26.1	26.4	26.7	27.1
65°	26.8	28.1	29.3	29.9	29.9	30.6	31.7	32.4	32.7	33.0	33.3
62.5°	33.2	34.7	35.6	36.6	37.9	39.0	39.5	40.2	40.9	41.8	42.8
60°	38.6	39.9	41.3	42.7	43.8	44.8	45.9	47.0	48.0	48.9	49.7
57.5°	44.2	45.6	47.0	48.6	49.7	50.4	51.4	52.7	53.7	54.5	55.7
55°	50.0	51.8	53.7	55.1	56.2	56.9	57.7	58.9	59.6	59.9	61.3
52.5°	55.8	57.9	60.2	61.9	63.1	64.1	65.1	66.2	66.9	67.3	68.6
50°	61.2	63.7	66.3	68.6	70.1	71.8	73.8	74.8	75.4	76.1	77.6
47.5°	66.3	69.2	71.9	74.4	76.6	78.6	80.3	81.9	84.3	86.3	88.2
45°	71.2	74.3	77.2	80.1	82.5	86.4	90.0	93.1	101.5	108.5	113.8
42.5°	75.9	79.6	82.9	87.6	92.7	101.6	115.4	128.1	152.6	184.3	210.7
40°	80.7	85.5	91.5	100.7	118.0	135.8	189.1	236.6	283.3	336.5	382.0
37.5°	86.3	93.6	111.1	131.8	187.4	248.9	324.4	398.6	463.2	518.4	564.6
35°	93.8	116.2	148.9	224.3	306.5	407.3	494.4	564.1	627.9	679.1	717.7
32.5°	115.8	156.9	243.0	346.8	459.8	557.2	642.0	708.8	767.0	812.9	848.6
30°	148.1	242.4	359.4	483.7	596.3	689.3	767.6	831.3	883.2	929.9	969.1
27.5°	224.6	346.0	483.5	610.3	712.7	799.8	870.1	933.2	990.4	1039.6	1085.9
25°	308.4	458.6	597.4	712.8	808.4	890.1	964.2	1033.2	1097.3	1154.8	1208.7
22.5°	409.0	558.9	691.5	798.3	890.9	974.8	1053.6	1130.3	1205.0	1275.2	1340.4
20°	500.1	647.3	762.9	869.5	965.7	1053.2	1140.0	1229.4	1315.6	1400.1	1478.7
17.5°	571.2	708.0	824.0	932.2	1030.1	1129.1	1228.5	1331.2	1435.1	1533.3	1627.2
15°	630.4	758.6	876.3	984.4	1092.0	1201.3	1312.3	1433.4	1556.9	1674.4	1794.2
12.5°	672.4	800.9	920.2	1028.7	1149.4	1268.0	1397.2	1535.1	1677.8	1814.8	1961.9
10°	706.2	834.7	952.9	1069.9	1197.6	1329.2	1474.1	1626.0	1796.3	1958.4	2116.9
7.5°	735.2	862.8	979.2	1103.5	1237.8	1382.4	1539.9	1711.7	1896.0	2076.4	2265.0
5°	756.5	882.0	999.6	1131.0	1268.7	1421.3	1590.8	1774.3	1971.9	2169.6	2356.2
2.5°	767.7	892.9	1012.3	1148.1	1286.8	1444.8	1621.4	1815.9	2024.6	2240.4	2424.3
0°	767.4	897.6	1017.2	1159.7	1300.1	1451.9	1634.5	1842.5	2046.2	2270.3	2459.1
-2.5°	767.7	892.9	1012.3	1148.1	1286.8	1444.8	1621.4	1815.9	2024.6	2240.4	2424.3
-5°	756.5	882.0	999.6	1131.0	1268.7	1421.3	1590.8	1774.3	1971.9	2169.6	2356.2
-7.5°	735.2	862.8	979.2	1103.5	1237.8	1382.4	1539.9	1711.7	1896.0	2076.4	2265.0
-10°	706.2	834.7	952.9	1069.9	1197.6	1329.2	1474.1	1626.0	1796.3	1958.4	2116.9
-12.5°	672.4	800.9	920.2	1028.7	1149.4	1268.0	1397.2	1535.1	1677.8	1814.8	1961.9
-15°	630.4	758.6	876.3	984.4	1092.0	1201.3	1312.3	1433.4	1556.9	1674.4	1794.2
-17.5°	571.2	708.0	824.0	932.2	1030.1	1129.1	1228.5	1331.2	1435.1	1533.3	1627.2
-20°	500.1	647.3	762.9	869.5	965.7	1053.2	1140.0	1229.4	1315.6	1400.1	1478.7



REPORT NUMBER: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	409.0	558.9	691.5	798.3	890.9	974.8	1053.6	1130.3	1205.0	1275.2	1340.4
-25°	308.4	458.6	597.4	712.8	808.4	890.1	964.2	1033.2	1097.3	1154.8	1208.7
-27.5°	224.6	346.0	483.5	610.3	712.7	799.8	870.1	933.2	990.4	1039.6	1085.9
-30°	148.1	242.4	359.4	483.7	596.3	689.3	767.6	831.3	883.2	929.9	969.1
-32.5°	115.8	156.9	243.0	346.8	459.8	557.2	642.0	708.8	767.0	812.9	848.6
-35°	93.8	116.2	148.9	224.3	306.5	407.3	494.4	564.1	627.9	679.1	717.7
-37.5°	86.3	93.6	111.1	131.8	187.4	248.9	324.4	398.6	463.2	518.4	564.6
-40°	80.7	85.5	91.5	100.7	118.0	135.8	189.1	236.6	283.3	336.5	382.0
-42.5°	75.9	79.6	82.9	87.6	92.7	101.6	115.4	128.1	152.6	184.3	210.7
-45°	71.2	74.3	77.2	80.1	82.5	86.4	90.0	93.1	101.5	108.5	113.8
-47.5°	66.3	69.2	71.9	74.4	76.6	78.6	80.3	81.9	84.3	86.3	88.2
-50°	61.2	63.7	66.3	68.6	70.1	71.8	73.8	74.8	75.4	76.1	77.6
-52.5°	55.8	57.9	60.2	61.9	63.1	64.1	65.1	66.2	66.9	67.3	68.6
-55°	50.0	51.8	53.7	55.1	56.2	56.9	57.7	58.9	59.6	59.9	61.3
-57.5°	44.2	45.6	47.0	48.6	49.7	50.4	51.4	52.7	53.7	54.5	55.7
-60°	38.6	39.9	41.3	42.7	43.8	44.8	45.9	47.0	48.0	48.9	49.7
-62.5°	33.2	34.7	35.6	36.6	37.9	39.0	39.5	40.2	40.9	41.8	42.8
-65°	26.8	28.1	29.3	29.9	29.9	30.6	31.7	32.4	32.7	33.0	33.3
-67.5°	22.3	22.8	23.6	24.2	24.8	25.3	25.8	26.1	26.4	26.7	27.1
-70°	18.6	19.2	19.9	20.6	21.2	21.6	21.8	22.0	22.2	22.1	22.0
-72.5°	15.5	16.3	16.8	17.4	17.9	18.2	18.4	18.5	18.6	17.4	15.8
-75°	12.7	13.5	14.0	14.4	14.8	15.0	15.1	15.2	15.3	13.9	12.2
-77.5°	10.2	10.8	11.0	11.3	11.6	11.7	11.8	11.8	11.9	10.8	9.4
-80°	7.1	7.4	7.6	7.8	8.0	8.0	7.9	7.7	7.4	6.8	6.1
-82.5°	4.2	4.3	4.3	4.3	4.2	4.4	4.6	4.7	4.9	4.5	4.1
-85°	1.9	1.8	1.7	1.6	1.5	1.5	1.6	1.7	1.8	1.7	1.6
-87.5°	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3
-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: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-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°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4
85°	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.6	1.7	1.8	1.7
82.5°	3.6	3.1	3.1	3.1	3.1	3.1	3.6	4.1	4.5	4.9	4.7
80°	5.3	4.6	4.7	4.8	4.7	4.6	5.3	6.1	6.8	7.4	7.7
77.5°	7.9	6.3	6.3	6.3	6.3	6.3	7.9	9.4	10.8	11.9	11.8
75°	10.5	8.7	8.6	8.6	8.6	8.7	10.5	12.2	13.9	15.3	15.2
72.5°	14.1	12.4	11.6	10.9	11.6	12.4	14.1	15.8	17.4	18.6	18.5
70°	22.1	22.1	21.3	20.3	21.3	22.1	22.1	22.0	22.1	22.2	22.0
67.5°	27.4	27.6	27.9	28.2	27.9	27.6	27.4	27.1	26.7	26.4	26.1
65°	33.5	33.4	33.5	33.6	33.5	33.4	33.5	33.3	33.0	32.7	32.4
62.5°	43.7	44.4	44.9	45.1	44.9	44.4	43.7	42.8	41.8	40.9	40.2
60°	50.5	51.0	51.8	52.6	51.8	51.0	50.5	49.7	48.9	48.0	47.0
57.5°	56.8	57.7	58.5	59.1	58.5	57.7	56.8	55.7	54.5	53.7	52.7
55°	62.6	63.7	64.8	65.8	64.8	63.7	62.6	61.3	59.9	59.6	58.9
52.5°	69.9	70.8	72.4	74.4	72.4	70.8	69.9	68.6	67.3	66.9	66.2
50°	79.3	80.7	82.7	85.0	82.7	80.7	79.3	77.6	76.1	75.4	74.8
47.5°	90.1	91.5	93.4	95.9	93.4	91.5	90.1	88.2	86.3	84.3	81.9
45°	118.7	122.0	125.1	128.5	125.1	122.0	118.7	113.8	108.5	101.5	93.1
42.5°	231.9	246.6	252.9	249.2	252.9	246.6	231.9	210.7	184.3	152.6	128.1
40°	416.7	441.1	455.4	460.4	455.4	441.1	416.7	382.0	336.5	283.3	236.6
37.5°	598.2	620.6	632.7	634.2	632.7	620.6	598.2	564.6	518.4	463.2	398.6
35°	745.5	763.9	774.9	783.1	774.9	763.9	745.5	717.7	679.1	627.9	564.1
32.5°	877.7	898.7	910.9	908.2	910.9	898.7	877.7	848.6	812.9	767.0	708.8
30°	1001.2	1024.3	1038.6	1039.0	1038.6	1024.3	1001.2	969.1	929.9	883.2	831.3
27.5°	1123.4	1149.2	1164.1	1175.8	1164.1	1149.2	1123.4	1085.9	1039.6	990.4	933.2
25°	1253.7	1285.9	1305.0	1316.6	1305.0	1285.9	1253.7	1208.7	1154.8	1097.3	1033.2
22.5°	1394.2	1434.0	1460.2	1471.1	1460.2	1434.0	1394.2	1340.4	1275.2	1205.0	1130.3
20°	1547.0	1596.4	1629.9	1628.8	1629.9	1596.4	1547.0	1478.7	1400.1	1315.6	1229.4
17.5°	1717.5	1781.2	1824.4	1830.6	1824.4	1781.2	1717.5	1627.2	1533.3	1435.1	1331.2
15°	1900.2	1982.5	2038.3	2055.6	2038.3	1982.5	1900.2	1794.2	1674.4	1556.9	1433.4
12.5°	2087.6	2185.4	2259.7	2284.5	2259.7	2185.4	2087.6	1961.9	1814.8	1677.8	1535.1
10°	2266.1	2374.4	2455.1	2490.9	2455.1	2374.4	2266.1	2116.9	1958.4	1796.3	1626.0
7.5°	2415.3	2525.3	2608.5	2637.9	2608.5	2525.3	2415.3	2265.0	2076.4	1896.0	1711.7
5°	2513.6	2633.8	2698.5	2734.9	2698.5	2633.8	2513.6	2356.2	2169.6	1971.9	1774.3
2.5°	2579.2	2681.2	2746.7	2780.2	2746.7	2681.2	2579.2	2424.3	2240.4	2024.6	1815.9
0°	2614.1	2717.9	2766.0	2782.3	2766.0	2717.9	2614.1	2459.1	2270.3	2046.2	1842.5
-2.5°	2579.2	2681.2	2746.7	2780.2	2746.7	2681.2	2579.2	2424.3	2240.4	2024.6	1815.9
-5°	2513.6	2633.8	2698.5	2734.9	2698.5	2633.8	2513.6	2356.2	2169.6	1971.9	1774.3
-7.5°	2415.3	2525.3	2608.5	2637.9	2608.5	2525.3	2415.3	2265.0	2076.4	1896.0	1711.7
-10°	2266.1	2374.4	2455.1	2490.9	2455.1	2374.4	2266.1	2116.9	1958.4	1796.3	1626.0
-12.5°	2087.6	2185.4	2259.7	2284.5	2259.7	2185.4	2087.6	1961.9	1814.8	1677.8	1535.1
-15°	1900.2	1982.5	2038.3	2055.6	2038.3	1982.5	1900.2	1794.2	1674.4	1556.9	1433.4
-17.5°	1717.5	1781.2	1824.4	1830.6	1824.4	1781.2	1717.5	1627.2	1533.3	1435.1	1331.2
-20°	1547.0	1596.4	1629.9	1628.8	1629.9	1596.4	1547.0	1478.7	1400.1	1315.6	1229.4



REPORT NUMBER: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	1394.2	1434.0	1460.2	1471.1	1460.2	1434.0	1394.2	1340.4	1275.2	1205.0	1130.3
-25°	1253.7	1285.9	1305.0	1316.6	1305.0	1285.9	1253.7	1208.7	1154.8	1097.3	1033.2
-27.5°	1123.4	1149.2	1164.1	1175.8	1164.1	1149.2	1123.4	1085.9	1039.6	990.4	933.2
-30°	1001.2	1024.3	1038.6	1039.0	1038.6	1024.3	1001.2	969.1	929.9	883.2	831.3
-32.5°	877.7	898.7	910.9	908.2	910.9	898.7	877.7	848.6	812.9	767.0	708.8
-35°	745.5	763.9	774.9	783.1	774.9	763.9	745.5	717.7	679.1	627.9	564.1
-37.5°	598.2	620.6	632.7	634.2	632.7	620.6	598.2	564.6	518.4	463.2	398.6
-40°	416.7	441.1	455.4	460.4	455.4	441.1	416.7	382.0	336.5	283.3	236.6
-42.5°	231.9	246.6	252.9	249.2	252.9	246.6	231.9	210.7	184.3	152.6	128.1
-45°	118.7	122.0	125.1	128.5	125.1	122.0	118.7	113.8	108.5	101.5	93.1
-47.5°	90.1	91.5	93.4	95.9	93.4	91.5	90.1	88.2	86.3	84.3	81.9
-50°	79.3	80.7	82.7	85.0	82.7	80.7	79.3	77.6	76.1	75.4	74.8
-52.5°	69.9	70.8	72.4	74.4	72.4	70.8	69.9	68.6	67.3	66.9	66.2
-55°	62.6	63.7	64.8	65.8	64.8	63.7	62.6	61.3	59.9	59.6	58.9
-57.5°	56.8	57.7	58.5	59.1	58.5	57.7	56.8	55.7	54.5	53.7	52.7
-60°	50.5	51.0	51.8	52.6	51.8	51.0	50.5	49.7	48.9	48.0	47.0
-62.5°	43.7	44.4	44.9	45.1	44.9	44.4	43.7	42.8	41.8	40.9	40.2
-65°	33.5	33.4	33.5	33.6	33.5	33.4	33.5	33.3	33.0	32.7	32.4
-67.5°	27.4	27.6	27.9	28.2	27.9	27.6	27.4	27.1	26.7	26.4	26.1
-70°	22.1	22.1	21.3	20.3	21.3	22.1	22.1	22.0	22.1	22.2	22.0
-72.5°	14.1	12.4	11.6	10.9	11.6	12.4	14.1	15.8	17.4	18.6	18.5
-75°	10.5	8.7	8.6	8.6	8.6	8.7	10.5	12.2	13.9	15.3	15.2
-77.5°	7.9	6.3	6.3	6.3	6.3	6.3	7.9	9.4	10.8	11.9	11.8
-80°	5.3	4.6	4.7	4.8	4.7	4.6	5.3	6.1	6.8	7.4	7.7
-82.5°	3.6	3.1	3.1	3.1	3.1	3.1	3.6	4.1	4.5	4.9	4.7
-85°	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.6	1.7	1.8	1.7
-87.5°	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	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: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-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°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	1.6	1.5	1.5	1.6	1.7	1.8	1.9	1.7	1.5	1.3	1.1
82.5°	4.6	4.4	4.2	4.3	4.3	4.3	4.2	3.7	3.2	2.8	2.4
80°	7.9	8.0	8.0	7.8	7.6	7.4	7.1	6.2	5.4	4.6	4.1
77.5°	11.8	11.7	11.6	11.3	11.0	10.8	10.2	8.9	7.6	6.4	5.7
75°	15.1	15.0	14.8	14.4	14.0	13.5	12.7	11.4	9.9	8.4	7.7
72.5°	18.4	18.2	17.9	17.4	16.8	16.3	15.5	14.3	12.9	11.1	10.2
70°	21.8	21.6	21.2	20.6	19.9	19.2	18.6	17.8	16.6	15.1	14.2
67.5°	25.8	25.3	24.8	24.2	23.6	22.8	22.3	21.5	20.6	19.3	18.4
65°	31.7	30.6	29.9	29.9	29.3	28.1	26.8	26.0	25.1	23.9	22.5
62.5°	39.5	39.0	37.9	36.6	35.6	34.7	33.2	31.4	29.9	28.6	27.0
60°	45.9	44.8	43.8	42.7	41.3	39.9	38.6	36.9	34.8	33.1	31.4
57.5°	51.4	50.4	49.7	48.6	47.0	45.6	44.2	42.5	40.4	38.0	35.8
55°	57.7	56.9	56.2	55.1	53.7	51.8	50.0	48.1	45.8	42.8	40.1
52.5°	65.1	64.1	63.1	61.9	60.2	57.9	55.8	53.6	50.9	47.7	44.4
50°	73.8	71.8	70.1	68.6	66.3	63.7	61.2	58.7	55.5	52.2	48.8
47.5°	80.3	78.6	76.6	74.4	71.9	69.2	66.3	63.2	59.9	56.4	52.8
45°	90.0	86.4	82.5	80.1	77.2	74.3	71.2	67.7	64.1	60.4	56.6
42.5°	115.4	101.6	92.7	87.6	82.9	79.6	75.9	72.1	68.2	64.3	60.3
40°	189.1	135.8	118.0	100.7	91.5	85.5	80.7	76.3	72.2	68.0	63.8
37.5°	324.4	248.9	187.4	131.8	111.1	93.6	86.3	80.6	75.9	71.6	67.2
35°	494.4	407.3	306.5	224.3	148.9	116.2	93.8	85.7	79.8	75.0	70.4
32.5°	642.0	557.2	459.8	346.8	243.0	156.9	115.8	92.6	84.0	78.5	73.5
30°	767.6	689.3	596.3	483.7	359.4	242.4	148.1	110.2	90.3	81.8	76.5
27.5°	870.1	799.8	712.7	610.3	483.5	346.0	224.6	132.1	99.9	86.7	79.4
25°	964.2	890.1	808.4	712.8	597.4	458.6	308.4	189.6	118.6	92.0	82.1
22.5°	1053.6	974.8	890.9	798.3	691.5	558.9	409.0	253.7	137.5	101.5	86.2
20°	1140.0	1053.2	965.7	869.5	762.9	647.3	500.1	330.5	191.4	116.0	90.1
17.5°	1228.5	1129.1	1030.1	932.2	824.0	708.0	571.2	407.7	238.3	129.0	93.5
15°	1312.3	1201.3	1092.0	984.4	876.3	758.6	630.4	476.5	284.8	155.4	103.2
12.5°	1397.2	1268.0	1149.4	1028.7	920.2	800.9	672.4	523.4	339.4	187.7	112.8
10°	1474.1	1329.2	1197.6	1069.9	952.9	834.7	706.2	561.2	384.4	214.3	120.6
7.5°	1539.9	1382.4	1237.8	1103.5	979.2	862.8	735.2	591.3	418.2	234.8	126.7
5°	1590.8	1421.3	1268.7	1131.0	999.6	882.0	756.5	613.2	441.0	249.2	131.1
2.5°	1621.4	1444.8	1286.8	1148.1	1012.3	892.9	767.7	627.2	455.5	258.5	134.4
0°	1634.5	1451.9	1300.1	1159.7	1017.2	897.6	767.4	632.5	460.8	261.9	136.0
-2.5°	1621.4	1444.8	1286.8	1148.1	1012.3	892.9	767.7	627.2	455.5	258.5	134.4
-5°	1590.8	1421.3	1268.7	1131.0	999.6	882.0	756.5	613.2	441.0	249.2	131.1
-7.5°	1539.9	1382.4	1237.8	1103.5	979.2	862.8	735.2	591.3	418.2	234.8	126.7
-10°	1474.1	1329.2	1197.6	1069.9	952.9	834.7	706.2	561.2	384.4	214.3	120.6
-12.5°	1397.2	1268.0	1149.4	1028.7	920.2	800.9	672.4	523.4	339.4	187.7	112.8
-15°	1312.3	1201.3	1092.0	984.4	876.3	758.6	630.4	476.5	284.8	155.4	103.2
-17.5°	1228.5	1129.1	1030.1	932.2	824.0	708.0	571.2	407.7	238.3	129.0	93.5
-20°	1140.0	1053.2	965.7	869.5	762.9	647.3	500.1	330.5	191.4	116.0	90.1



REPORT NUMBER: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1053.6	974.8	890.9	798.3	691.5	558.9	409.0	253.7	137.5	101.5	86.2
-25°	964.2	890.1	808.4	712.8	597.4	458.6	308.4	189.6	118.6	92.0	82.1
-27.5°	870.1	799.8	712.7	610.3	483.5	346.0	224.6	132.1	99.9	86.7	79.4
-30°	767.6	689.3	596.3	483.7	359.4	242.4	148.1	110.2	90.3	81.8	76.5
-32.5°	642.0	557.2	459.8	346.8	243.0	156.9	115.8	92.6	84.0	78.5	73.5
-35°	494.4	407.3	306.5	224.3	148.9	116.2	93.8	85.7	79.8	75.0	70.4
-37.5°	324.4	248.9	187.4	131.8	111.1	93.6	86.3	80.6	75.9	71.6	67.2
-40°	189.1	135.8	118.0	100.7	91.5	85.5	80.7	76.3	72.2	68.0	63.8
-42.5°	115.4	101.6	92.7	87.6	82.9	79.6	75.9	72.1	68.2	64.3	60.3
-45°	90.0	86.4	82.5	80.1	77.2	74.3	71.2	67.7	64.1	60.4	56.6
-47.5°	80.3	78.6	76.6	74.4	71.9	69.2	66.3	63.2	59.9	56.4	52.8
-50°	73.8	71.8	70.1	68.6	66.3	63.7	61.2	58.7	55.5	52.2	48.8
-52.5°	65.1	64.1	63.1	61.9	60.2	57.9	55.8	53.6	50.9	47.7	44.4
-55°	57.7	56.9	56.2	55.1	53.7	51.8	50.0	48.1	45.8	42.8	40.1
-57.5°	51.4	50.4	49.7	48.6	47.0	45.6	44.2	42.5	40.4	38.0	35.8
-60°	45.9	44.8	43.8	42.7	41.3	39.9	38.6	36.9	34.8	33.1	31.4
-62.5°	39.5	39.0	37.9	36.6	35.6	34.7	33.2	31.4	29.9	28.6	27.0
-65°	31.7	30.6	29.9	29.9	29.3	28.1	26.8	26.0	25.1	23.9	22.5
-67.5°	25.8	25.3	24.8	24.2	23.6	22.8	22.3	21.5	20.6	19.3	18.4
-70°	21.8	21.6	21.2	20.6	19.9	19.2	18.6	17.8	16.6	15.1	14.2
-72.5°	18.4	18.2	17.9	17.4	16.8	16.3	15.5	14.3	12.9	11.1	10.2
-75°	15.1	15.0	14.8	14.4	14.0	13.5	12.7	11.4	9.9	8.4	7.7
-77.5°	11.8	11.7	11.6	11.3	11.0	10.8	10.2	8.9	7.6	6.4	5.7
-80°	7.9	8.0	8.0	7.8	7.6	7.4	7.1	6.2	5.4	4.6	4.1
-82.5°	4.6	4.4	4.2	4.3	4.3	4.3	4.2	3.7	3.2	2.8	2.4
-85°	1.6	1.5	1.5	1.6	1.7	1.8	1.9	1.7	1.5	1.3	1.1
-87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-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: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-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°	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
85°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	0.9
82.5°	2.5	2.6	2.6	2.6	2.5	2.3	2.1	2.0	1.8	1.5	1.3
80°	4.3	4.4	4.5	4.3	3.9	3.5	3.3	3.0	2.8	2.5	2.1
77.5°	6.2	6.4	6.5	6.4	5.8	5.2	4.7	4.2	3.9	3.5	3.1
75°	8.1	8.5	8.7	8.6	7.8	6.9	6.2	5.6	5.2	4.6	4.1
72.5°	10.4	10.6	10.9	10.8	10.2	9.3	8.1	7.1	6.6	5.9	5.1
70°	13.6	13.0	12.9	12.8	12.4	11.7	10.5	9.1	8.0	7.3	6.3
67.5°	17.5	16.7	15.9	15.0	14.5	13.8	12.9	11.3	9.8	8.6	7.6
65°	21.4	20.3	19.2	17.9	16.8	16.0	15.0	13.3	11.5	10.0	8.8
62.5°	25.3	23.7	22.3	20.8	19.4	18.2	17.1	15.2	13.2	11.4	10.0
60°	29.5	27.5	25.4	23.6	21.8	20.3	18.9	17.1	14.9	12.7	11.0
57.5°	33.7	31.4	28.8	26.4	24.3	22.4	20.6	18.7	16.5	14.1	11.9
55°	37.8	35.3	32.2	29.3	26.8	24.6	22.3	20.2	18.1	15.6	12.6
52.5°	41.5	38.9	35.8	32.3	29.3	26.8	24.2	21.6	19.4	17.0	13.5
50°	45.2	42.0	39.1	35.6	31.8	28.8	26.0	23.3	20.7	18.3	14.3
47.5°	49.2	45.4	42.0	38.7	34.8	30.9	27.8	24.8	22.0	19.4	15.1
45°	52.8	48.9	44.9	41.4	37.6	33.2	29.6	26.4	23.3	20.0	15.7
42.5°	56.2	52.1	48.0	43.9	40.0	35.6	31.3	27.9	24.6	20.4	16.1
40°	59.5	55.2	50.9	46.6	42.4	37.7	33.2	29.4	25.8	20.8	16.4
37.5°	62.6	58.1	53.6	49.2	44.8	39.9	35.0	30.8	26.4	21.2	16.6
35°	65.6	60.9	56.3	51.6	47.0	42.1	36.6	32.2	27.2	21.6	16.7
32.5°	68.5	63.6	58.8	54.0	49.2	44.4	38.3	33.5	28.2	21.9	16.8
30°	71.3	66.2	61.2	56.3	51.2	46.2	40.3	34.8	29.4	22.1	16.8
27.5°	73.9	68.6	63.5	58.4	53.2	47.9	42.2	36.0	30.8	22.5	16.9
25°	76.4	70.8	65.5	60.3	55.0	49.6	44.0	37.2	31.9	23.4	17.0
22.5°	78.7	72.9	67.4	62.1	56.8	51.2	45.5	38.7	32.8	24.4	16.9
20°	80.8	74.8	69.1	63.9	58.4	52.7	46.8	40.0	33.7	25.4	16.9
17.5°	82.8	76.7	71.2	65.7	59.9	54.1	48.0	41.2	34.5	26.3	16.7
15°	86.1	78.7	73.0	67.3	61.4	55.3	49.1	42.2	35.2	27.2	16.6
12.5°	89.0	80.6	74.7	68.9	62.6	56.4	50.0	43.1	35.9	27.8	16.7
10°	91.5	82.2	76.1	70.2	63.8	57.3	50.9	43.9	36.4	28.1	16.7
7.5°	93.5	83.6	77.4	71.5	64.9	58.2	51.7	44.5	36.9	28.1	16.5
5°	95.3	85.1	79.0	72.8	66.1	59.1	52.4	45.0	37.4	27.9	16.3
2.5°	97.3	87.0	80.7	74.0	67.2	59.8	52.9	45.3	37.8	27.5	16.0
0°	98.8	88.6	82.3	75.0	68.1	60.4	53.3	45.5	38.0	26.9	15.7
-2.5°	97.3	87.0	80.7	74.0	67.2	59.8	52.9	45.3	37.8	27.5	16.0
-5°	95.3	85.1	79.0	72.8	66.1	59.1	52.4	45.0	37.4	27.9	16.3
-7.5°	93.5	83.6	77.4	71.5	64.9	58.2	51.7	44.5	36.9	28.1	16.5
-10°	91.5	82.2	76.1	70.2	63.8	57.3	50.9	43.9	36.4	28.1	16.7
-12.5°	89.0	80.6	74.7	68.9	62.6	56.4	50.0	43.1	35.9	27.8	16.7
-15°	86.1	78.7	73.0	67.3	61.4	55.3	49.1	42.2	35.2	27.2	16.6
-17.5°	82.8	76.7	71.2	65.7	59.9	54.1	48.0	41.2	34.5	26.3	16.7
-20°	80.8	74.8	69.1	63.9	58.4	52.7	46.8	40.0	33.7	25.4	16.9



REPORT NUMBER: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	78.7	72.9	67.4	62.1	56.8	51.2	45.5	38.7	32.8	24.4	16.9
-25°	76.4	70.8	65.5	60.3	55.0	49.6	44.0	37.2	31.9	23.4	17.0
-27.5°	73.9	68.6	63.5	58.4	53.2	47.9	42.2	36.0	30.8	22.5	16.9
-30°	71.3	66.2	61.2	56.3	51.2	46.2	40.3	34.8	29.4	22.1	16.8
-32.5°	68.5	63.6	58.8	54.0	49.2	44.4	38.3	33.5	28.2	21.9	16.8
-35°	65.6	60.9	56.3	51.6	47.0	42.1	36.6	32.2	27.2	21.6	16.7
-37.5°	62.6	58.1	53.6	49.2	44.8	39.9	35.0	30.8	26.4	21.2	16.6
-40°	59.5	55.2	50.9	46.6	42.4	37.7	33.2	29.4	25.8	20.8	16.4
-42.5°	56.2	52.1	48.0	43.9	40.0	35.6	31.3	27.9	24.6	20.4	16.1
-45°	52.8	48.9	44.9	41.4	37.6	33.2	29.6	26.4	23.3	20.0	15.7
-47.5°	49.2	45.4	42.0	38.7	34.8	30.9	27.8	24.8	22.0	19.4	15.1
-50°	45.2	42.0	39.1	35.6	31.8	28.8	26.0	23.3	20.7	18.3	14.3
-52.5°	41.5	38.9	35.8	32.3	29.3	26.8	24.2	21.6	19.4	17.0	13.5
-55°	37.8	35.3	32.2	29.3	26.8	24.6	22.3	20.2	18.1	15.6	12.6
-57.5°	33.7	31.4	28.8	26.4	24.3	22.4	20.6	18.7	16.5	14.1	11.9
-60°	29.5	27.5	25.4	23.6	21.8	20.3	18.9	17.1	14.9	12.7	11.0
-62.5°	25.3	23.7	22.3	20.8	19.4	18.2	17.1	15.2	13.2	11.4	10.0
-65°	21.4	20.3	19.2	17.9	16.8	16.0	15.0	13.3	11.5	10.0	8.8
-67.5°	17.5	16.7	15.9	15.0	14.5	13.8	12.9	11.3	9.8	8.6	7.6
-70°	13.6	13.0	12.9	12.8	12.4	11.7	10.5	9.1	8.0	7.3	6.3
-72.5°	10.4	10.6	10.9	10.8	10.2	9.3	8.1	7.1	6.6	5.9	5.1
-75°	8.1	8.5	8.7	8.6	7.8	6.9	6.2	5.6	5.2	4.6	4.1
-77.5°	6.2	6.4	6.5	6.4	5.8	5.2	4.7	4.2	3.9	3.5	3.1
-80°	4.3	4.4	4.5	4.3	3.9	3.5	3.3	3.0	2.8	2.5	2.1
-82.5°	2.5	2.6	2.6	2.6	2.5	2.3	2.1	2.0	1.8	1.5	1.3
-85°	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.0	1.0	0.9
-87.5°	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	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: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-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°	0.4	0.3	0.2	0.1	0.1	0.0	0.0
85°	0.8	0.6	0.4	0.3	0.2	0.1	0.0
82.5°	1.2	0.9	0.6	0.4	0.3	0.1	0.0
80°	1.6	1.2	0.9	0.6	0.3	0.2	0.0
77.5°	2.5	1.6	1.1	0.7	0.4	0.2	0.0
75°	3.3	2.3	1.3	0.9	0.5	0.3	0.0
72.5°	4.2	2.9	1.8	1.0	0.6	0.3	0.0
70°	5.0	3.6	2.3	1.2	0.7	0.3	0.0
67.5°	6.0	4.2	2.8	1.5	0.8	0.4	0.0
65°	7.0	4.9	3.2	1.8	0.8	0.4	0.0
62.5°	7.9	5.6	3.7	2.1	0.9	0.5	0.0
60°	8.7	6.3	4.1	2.4	1.0	0.5	0.0
57.5°	9.3	6.9	4.6	2.7	1.2	0.5	0.0
55°	9.8	7.5	5.0	3.0	1.4	0.6	0.0
52.5°	10.3	8.0	5.4	3.3	1.5	0.6	0.0
50°	10.6	8.3	5.8	3.5	1.7	0.6	0.0
47.5°	10.9	8.5	6.2	3.7	1.9	0.7	0.0
45°	11.5	8.6	6.5	4.0	2.0	0.7	0.0
42.5°	11.9	8.7	6.8	4.2	2.2	0.7	0.0
40°	12.3	8.8	7.0	4.5	2.3	0.8	0.0
37.5°	12.5	8.8	7.0	4.7	2.5	0.8	0.0
35°	12.7	8.9	7.0	4.9	2.6	0.8	0.0
32.5°	12.8	9.0	7.0	5.2	2.7	0.8	0.0
30°	12.8	9.1	6.9	5.4	2.8	0.9	0.0
27.5°	12.7	9.1	7.0	5.6	2.9	0.9	0.0
25°	12.6	9.1	7.0	5.8	3.0	0.9	0.0
22.5°	12.4	9.1	7.1	6.0	3.0	0.9	0.0
20°	12.2	9.3	7.2	6.2	3.1	0.9	0.0
17.5°	12.2	9.5	7.2	6.4	3.2	1.0	0.0
15°	12.4	9.7	7.2	6.5	3.2	1.0	0.0
12.5°	12.5	9.9	7.3	6.7	3.3	1.0	0.0
10°	12.6	10.0	7.3	6.8	3.3	1.0	0.0
7.5°	12.7	10.1	7.3	6.9	3.3	1.0	0.0
5°	12.7	10.1	7.3	7.0	3.3	1.0	0.0
2.5°	12.7	10.2	7.3	7.0	3.3	1.0	0.0
0°	12.7	10.2	7.3	7.1	3.3	1.0	0.0
-2.5°	12.7	10.2	7.3	7.0	3.3	1.0	0.0
-5°	12.7	10.1	7.3	7.0	3.3	1.0	0.0
-7.5°	12.7	10.1	7.3	6.9	3.3	1.0	0.0
-10°	12.6	10.0	7.3	6.8	3.3	1.0	0.0
-12.5°	12.5	9.9	7.3	6.7	3.3	1.0	0.0
-15°	12.4	9.7	7.2	6.5	3.2	1.0	0.0
-17.5°	12.2	9.5	7.2	6.4	3.2	1.0	0.0
-20°	12.2	9.3	7.2	6.2	3.1	0.9	0.0



REPORT NUMBER: P558485 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1A-940-U-MWR-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.4	9.1	7.1	6.0	3.0	0.9	0.0
-25°	12.6	9.1	7.0	5.8	3.0	0.9	0.0
-27.5°	12.7	9.1	7.0	5.6	2.9	0.9	0.0
-30°	12.8	9.1	6.9	5.4	2.8	0.9	0.0
-32.5°	12.8	9.0	7.0	5.2	2.7	0.8	0.0
-35°	12.7	8.9	7.0	4.9	2.6	0.8	0.0
-37.5°	12.5	8.8	7.0	4.7	2.5	0.8	0.0
-40°	12.3	8.8	7.0	4.5	2.3	0.8	0.0
-42.5°	11.9	8.7	6.8	4.2	2.2	0.7	0.0
-45°	11.5	8.6	6.5	4.0	2.0	0.7	0.0
-47.5°	10.9	8.5	6.2	3.7	1.9	0.7	0.0
-50°	10.6	8.3	5.8	3.5	1.7	0.6	0.0
-52.5°	10.3	8.0	5.4	3.3	1.5	0.6	0.0
-55°	9.8	7.5	5.0	3.0	1.4	0.6	0.0
-57.5°	9.3	6.9	4.6	2.7	1.2	0.5	0.0
-60°	8.7	6.3	4.1	2.4	1.0	0.5	0.0
-62.5°	7.9	5.6	3.7	2.1	0.9	0.5	0.0
-65°	7.0	4.9	3.2	1.8	0.8	0.4	0.0
-67.5°	6.0	4.2	2.8	1.5	0.8	0.4	0.0
-70°	5.0	3.6	2.3	1.2	0.7	0.3	0.0
-72.5°	4.2	2.9	1.8	1.0	0.6	0.3	0.0
-75°	3.3	2.3	1.3	0.9	0.5	0.3	0.0
-77.5°	2.5	1.6	1.1	0.7	0.4	0.2	0.0
-80°	1.6	1.2	0.9	0.6	0.3	0.2	0.0
-82.5°	1.2	0.9	0.6	0.4	0.3	0.1	0.0
-85°	0.8	0.6	0.4	0.3	0.2	0.1	0.0
-87.5°	0.4	0.3	0.2	0.1	0.1	0.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)