

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: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 7/20/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P558513 (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-SA1B-935-U-TSB-XX  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (16) 3500K CCT, 90 CRI LEDS  
Ballast/Driver: -

**Summary**

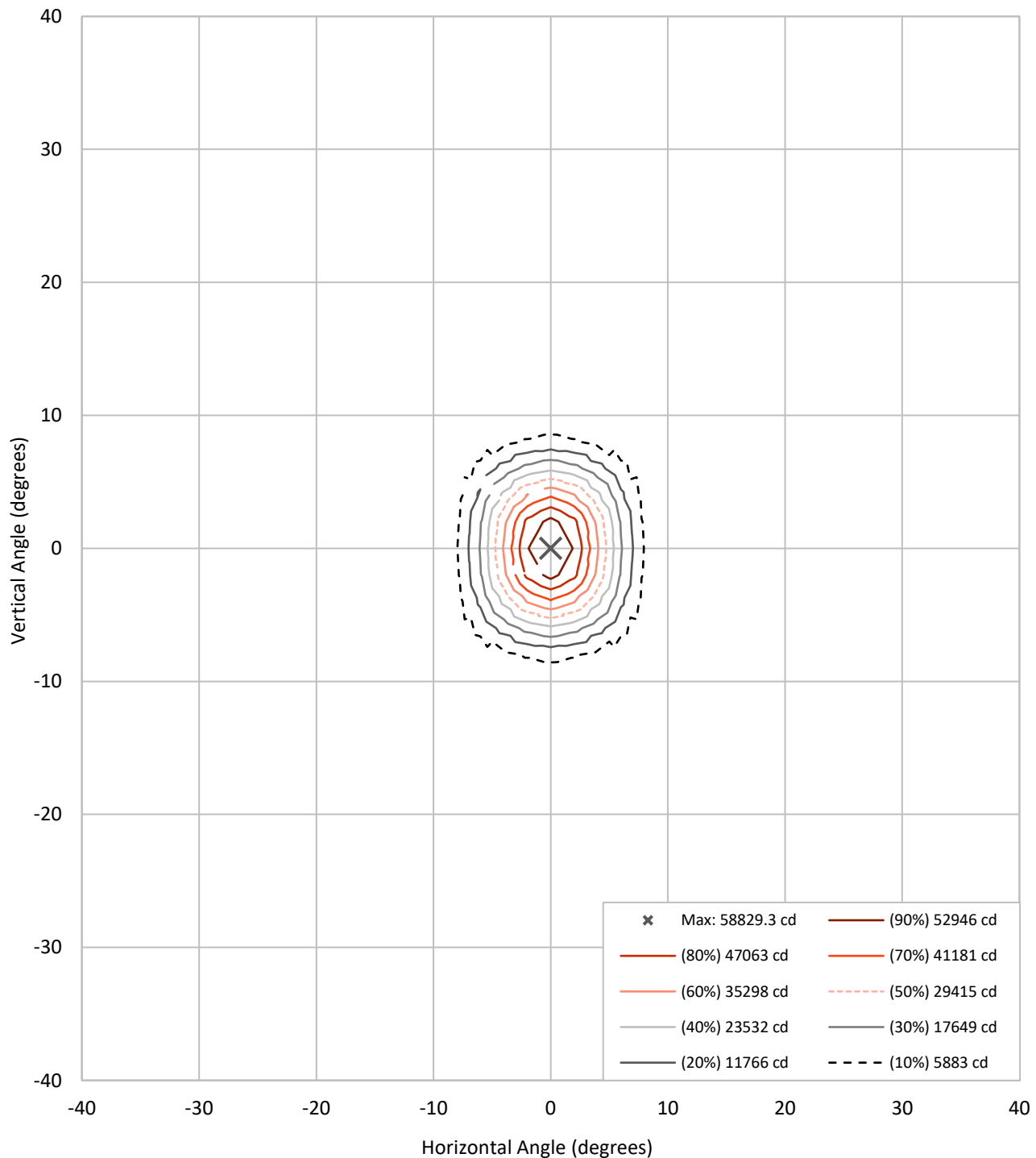
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	2290.9 lumens	Max Intensity:	58829.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	69.4 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	9.3°H x 10.4°V	Field Angle (10%):	15.7°H x 17.1°V
Beam Lumens:	981.9 lumens	Field Lumens:	1692.4 lumens
Beam Efficiency:	42.9%	Field Efficiency:	73.9%

Input Watts (W): 33  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Candela Plot





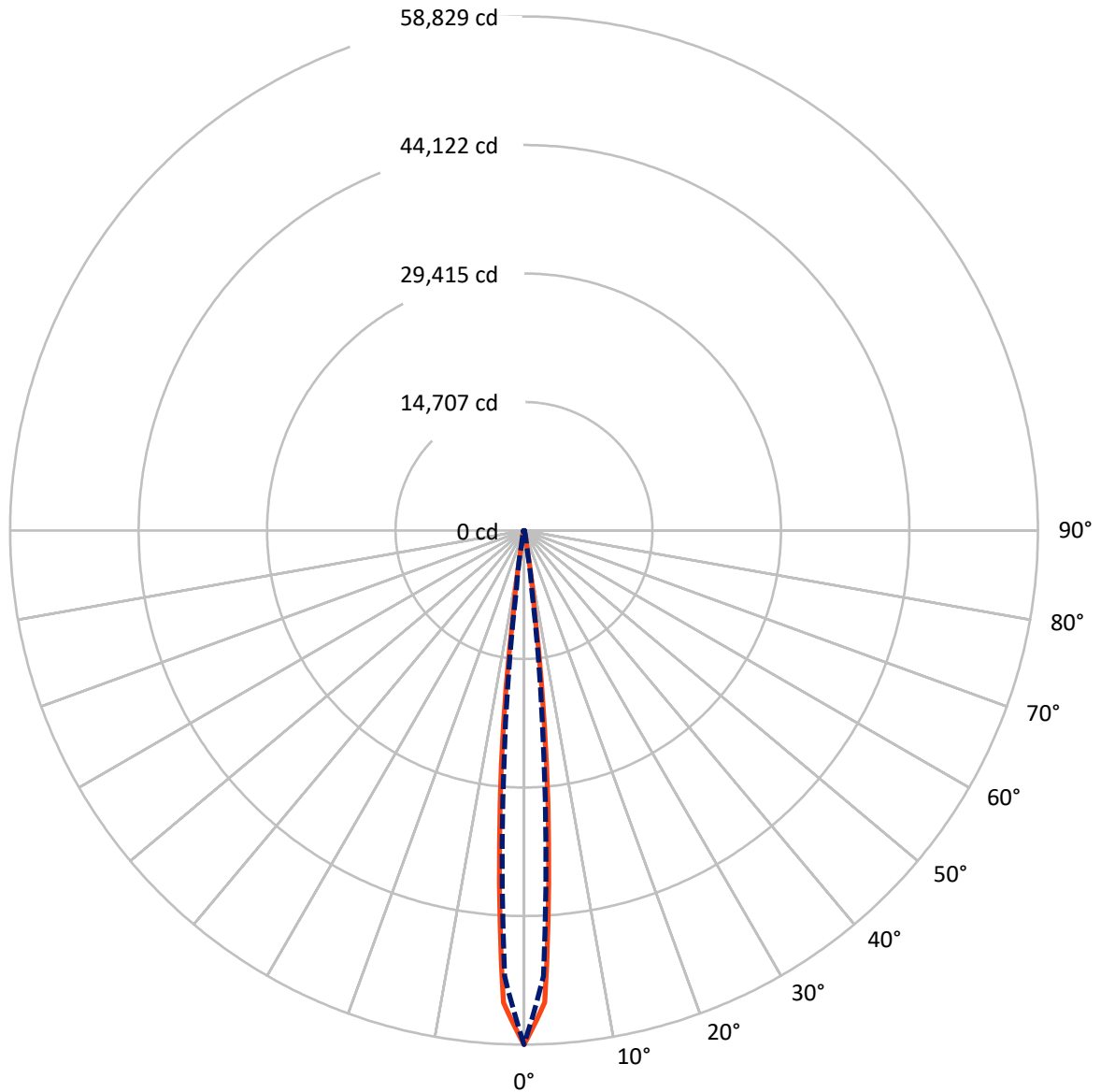
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### Lumen Table

90																			
80	0.0	0.1		0.2		0.6		0.9		0.6		0.2		0.1		0.0			
70																			
60	0.0	0.0	0.1	0.3	0.4	0.5	0.8	1.4	1.4	0.8	0.5	0.4	0.3	0.1	0.0	0.0			
50		0.1	0.2	0.5	0.7	1.0	1.4	1.8	1.8	1.4	1.0	0.7	0.5	0.2	0.1				
40	0.1	0.2	0.4	0.7	1.3	1.9	2.5	3.0	3.0	2.5	1.9	1.3	0.7	0.4	0.2	0.1			
30		0.3	0.5	1.1	2.0	2.7	3.1	3.3	3.3	3.1	2.7	2.0	1.1	0.5	0.3				
20	0.2	0.4	0.7	1.6	2.5	3.0	4.0	5.3	5.3	4.0	3.0	2.5	1.6	0.7	0.4	0.2			
10		0.5	1.0	2.0	2.7	3.9	7.9	15.7	15.7	7.9	3.9	2.7	2.0	1.0	0.5				
0	0.3	0.6	1.2	2.2	2.8	5.0	15.6	460.3	460.3	15.6	5.0	2.8	2.2	1.2	0.6	0.3			
-10		0.6	1.2	2.2	2.8	5.0	15.6	460.3	460.3	15.6	5.0	2.8	2.2	1.2	0.6				
-20	0.2	0.5	1.0	2.0	2.7	3.9	7.9	15.7	15.7	7.9	3.9	2.7	2.0	1.0	0.5	0.2			
-30		0.4	0.7	1.6	2.5	3.0	4.0	5.3	5.3	4.0	3.0	2.5	1.6	0.7	0.4				
-40	0.1	0.3	0.5	1.1	2.0	2.7	3.1	3.3	3.3	3.1	2.7	2.0	1.1	0.5	0.3	0.1			
-50		0.2	0.4	0.7	1.3	1.9	2.5	3.0	3.0	2.5	1.9	1.3	0.7	0.4	0.2				
-60	0.0	0.1	0.2	0.5	0.7	1.0	1.4	1.8	1.8	1.4	1.0	0.7	0.5	0.2	0.1	0.0			
-70		0.0	0.1	0.3	0.4	0.5	0.8	1.4	1.4	0.8	0.5	0.4	0.3	0.1	0.0				
-80	0.0	0.1		0.2		0.6		0.9		0.6		0.2		0.1		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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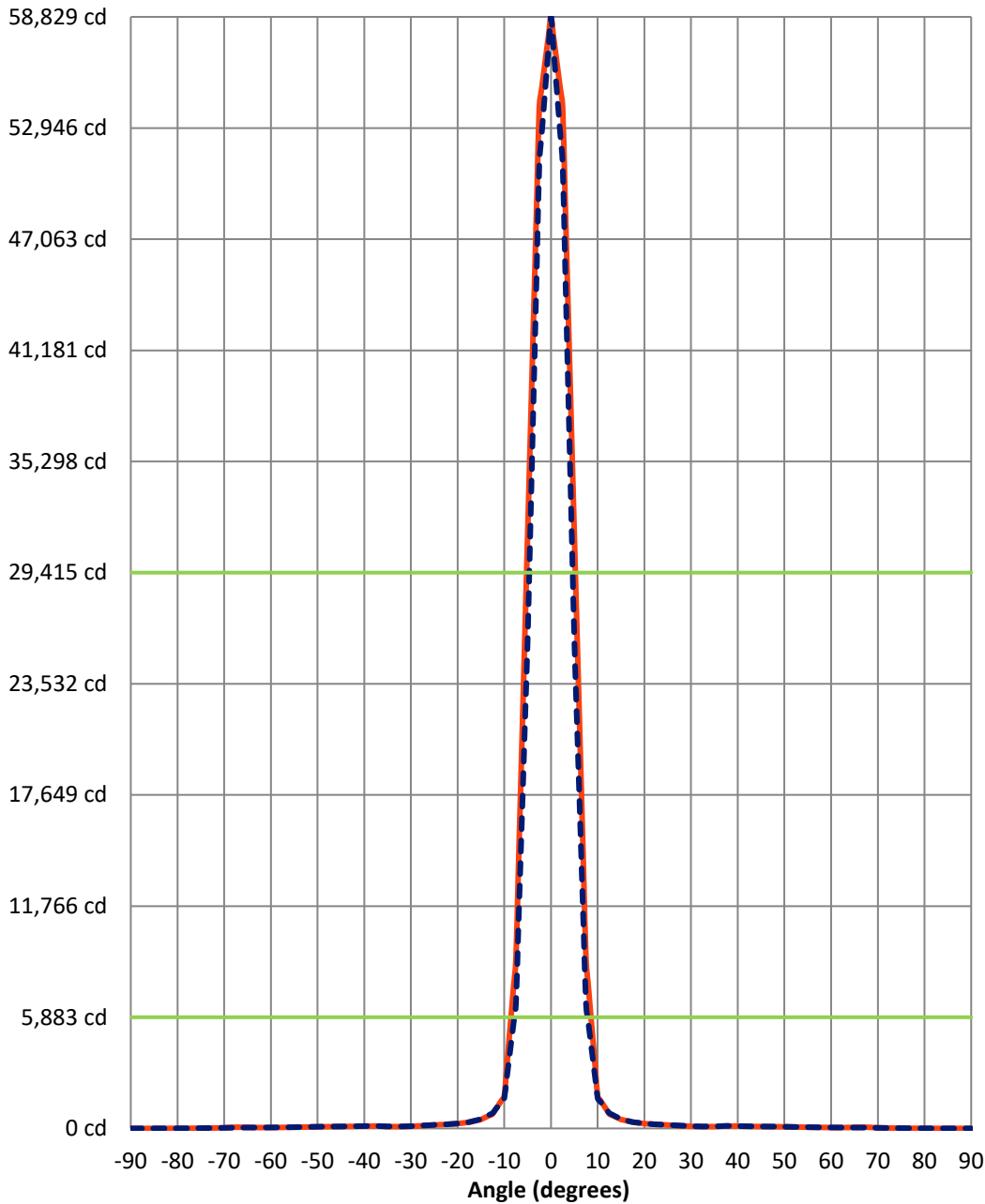
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
 H Angle: 9.3°  
 V Angle: 10.4°  
 Lumens: 981.9  
 Efficiency: 42.9%

**Field:**  
 H Angle: 15.7°  
 V Angle: 17.1°  
 Lumens: 1692.4  
 Efficiency: 73.9%

**Spill:**  
 Lumens: 598.6  
 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	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3
85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.7
80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7
77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.8
75°	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7	0.9	1.0
72.5°	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.8	1.0	1.2	1.3
70°	0.0	0.2	0.5	0.7	0.7	0.7	0.7	1.0	1.3	1.5	1.8
67.5°	0.0	0.3	0.5	0.7	0.7	0.7	1.0	1.3	1.6	2.0	2.4
65°	0.0	0.3	0.6	0.7	0.7	0.8	1.2	1.6	2.1	2.6	3.1
62.5°	0.0	0.3	0.6	0.7	0.7	1.0	1.5	2.0	2.6	3.2	3.9
60°	0.0	0.3	0.7	0.7	0.7	1.2	1.7	2.4	3.1	4.0	4.8
57.5°	0.0	0.4	0.7	0.7	0.9	1.5	2.1	2.9	3.8	4.8	5.8
55°	0.0	0.4	0.7	0.7	1.0	1.7	2.6	3.3	4.6	5.7	6.9
52.5°	0.0	0.4	0.7	0.7	1.2	1.9	3.1	4.1	5.3	6.8	8.0
50°	0.0	0.4	0.7	0.7	1.4	2.3	3.5	4.9	6.2	7.8	9.4
47.5°	0.0	0.5	0.7	0.7	1.6	2.7	4.0	5.7	7.2	8.9	10.8
45°	0.0	0.5	0.7	0.9	1.7	3.2	4.8	6.6	8.3	10.2	12.2
42.5°	0.0	0.5	0.7	1.0	1.9	3.6	5.6	7.6	9.5	11.6	14.0
40°	0.0	0.5	0.8	1.1	2.1	4.0	6.3	8.7	10.9	13.0	15.8
37.5°	0.0	0.6	0.8	1.2	2.4	4.4	7.1	9.8	12.3	14.8	17.7
35°	0.0	0.6	0.8	1.3	2.8	5.0	7.9	10.9	13.9	16.9	19.5
32.5°	0.0	0.6	0.8	1.4	3.1	5.6	8.7	12.1	15.4	19.0	21.8
30°	0.0	0.6	0.8	1.5	3.4	6.2	9.6	13.2	16.9	21.3	24.4
27.5°	0.0	0.6	0.8	1.5	3.6	6.8	10.6	14.5	18.6	23.5	27.3
25°	0.0	0.6	0.8	1.6	3.7	7.4	11.4	15.8	20.5	25.9	30.3
22.5°	0.0	0.6	0.9	1.6	3.9	7.8	12.3	17.0	22.4	28.4	32.9
20°	0.0	0.7	0.9	1.7	3.9	8.0	13.2	18.2	24.2	31.0	35.5
17.5°	0.0	0.7	0.9	1.7	4.0	8.1	13.6	19.4	26.1	33.7	38.0
15°	0.0	0.7	0.9	1.7	4.0	8.2	13.8	20.2	27.8	36.4	40.5
12.5°	0.0	0.7	0.9	1.7	4.0	8.2	13.9	20.6	29.0	39.1	42.9
10°	0.0	0.7	0.9	1.7	4.0	8.1	13.9	21.0	29.6	40.2	44.7
7.5°	0.0	0.7	1.0	1.7	4.0	8.0	13.9	21.3	30.0	40.8	45.0
5°	0.0	0.7	1.0	1.7	3.9	7.8	13.8	21.6	30.3	41.2	45.2
2.5°	0.0	0.7	1.0	1.7	3.8	7.6	13.6	21.7	30.5	41.5	45.4
0°	0.0	0.7	1.0	1.7	3.7	7.4	13.4	21.8	30.5	41.5	45.5
-2.5°	0.0	0.7	1.0	1.7	3.8	7.6	13.6	21.7	30.5	41.5	45.4
-5°	0.0	0.7	1.0	1.7	3.9	7.8	13.8	21.6	30.3	41.2	45.2
-7.5°	0.0	0.7	1.0	1.7	4.0	8.0	13.9	21.3	30.0	40.8	45.0
-10°	0.0	0.7	0.9	1.7	4.0	8.1	13.9	21.0	29.6	40.2	44.7
-12.5°	0.0	0.7	0.9	1.7	4.0	8.2	13.9	20.6	29.0	39.1	42.9
-15°	0.0	0.7	0.9	1.7	4.0	8.2	13.8	20.2	27.8	36.4	40.5
-17.5°	0.0	0.7	0.9	1.7	4.0	8.1	13.6	19.4	26.1	33.7	38.0
-20°	0.0	0.7	0.9	1.7	3.9	8.0	13.2	18.2	24.2	31.0	35.5



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 CATALOG NUMBER: GFLD-SA1B-935-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	0.6	0.9	1.6	3.9	7.8	12.3	17.0	22.4	28.4	32.9
-25°	0.0	0.6	0.8	1.6	3.7	7.4	11.4	15.8	20.5	25.9	30.3
-27.5°	0.0	0.6	0.8	1.5	3.6	6.8	10.6	14.5	18.6	23.5	27.3
-30°	0.0	0.6	0.8	1.5	3.4	6.2	9.6	13.2	16.9	21.3	24.4
-32.5°	0.0	0.6	0.8	1.4	3.1	5.6	8.7	12.1	15.4	19.0	21.8
-35°	0.0	0.6	0.8	1.3	2.8	5.0	7.9	10.9	13.9	16.9	19.5
-37.5°	0.0	0.6	0.8	1.2	2.4	4.4	7.1	9.8	12.3	14.8	17.7
-40°	0.0	0.5	0.8	1.1	2.1	4.0	6.3	8.7	10.9	13.0	15.8
-42.5°	0.0	0.5	0.7	1.0	1.9	3.6	5.6	7.6	9.5	11.6	14.0
-45°	0.0	0.5	0.7	0.9	1.7	3.2	4.8	6.6	8.3	10.2	12.2
-47.5°	0.0	0.5	0.7	0.7	1.6	2.7	4.0	5.7	7.2	8.9	10.8
-50°	0.0	0.4	0.7	0.7	1.4	2.3	3.5	4.9	6.2	7.8	9.4
-52.5°	0.0	0.4	0.7	0.7	1.2	1.9	3.1	4.1	5.3	6.8	8.0
-55°	0.0	0.4	0.7	0.7	1.0	1.7	2.6	3.3	4.6	5.7	6.9
-57.5°	0.0	0.4	0.7	0.7	0.9	1.5	2.1	2.9	3.8	4.8	5.8
-60°	0.0	0.3	0.7	0.7	0.7	1.2	1.7	2.4	3.1	4.0	4.8
-62.5°	0.0	0.3	0.6	0.7	0.7	1.0	1.5	2.0	2.6	3.2	3.9
-65°	0.0	0.3	0.6	0.7	0.7	0.8	1.2	1.6	2.1	2.6	3.1
-67.5°	0.0	0.3	0.5	0.7	0.7	0.7	1.0	1.3	1.6	2.0	2.4
-70°	0.0	0.2	0.5	0.7	0.7	0.7	0.7	1.0	1.3	1.5	1.8
-72.5°	0.0	0.2	0.4	0.6	0.7	0.7	0.7	0.8	1.0	1.2	1.3
-75°	0.0	0.2	0.4	0.5	0.7	0.7	0.7	0.7	0.7	0.9	1.0
-77.5°	0.0	0.2	0.3	0.5	0.6	0.7	0.7	0.7	0.7	0.7	0.8
-80°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.7	0.7	0.7	0.7
-82.5°	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.7
-85°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6
-87.5°	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	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





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 CATALOG NUMBER: GFLD-SA1B-935-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°	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
85°	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
82.5°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9
80°	0.7	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.6
77.5°	0.9	1.0	1.1	1.2	1.3	1.6	1.8	2.0	2.3	2.6	2.8
75°	1.1	1.3	1.6	2.0	2.3	2.6	2.9	3.2	3.7	4.2	4.6
72.5°	1.6	2.0	2.4	2.9	3.5	4.0	4.4	4.8	5.6	6.4	7.0
70°	2.2	2.7	3.4	4.2	4.9	5.5	6.4	7.5	8.6	9.2	9.5
67.5°	2.9	3.7	4.5	5.4	6.4	7.4	8.7	9.9	11.0	11.5	11.9
65°	3.7	4.6	5.7	6.8	7.9	9.2	10.5	11.8	13.0	13.5	14.2
62.5°	4.6	5.7	6.8	8.1	9.4	10.7	12.3	13.6	14.6	15.8	17.2
60°	5.6	6.7	8.0	9.4	10.9	12.8	14.3	15.8	17.2	18.6	20.7
57.5°	6.7	7.7	9.2	10.9	12.9	15.1	16.9	18.5	20.3	22.3	24.5
55°	7.9	8.8	10.5	12.6	14.9	17.5	19.6	21.8	23.9	25.7	27.5
52.5°	9.3	10.1	11.9	14.2	16.9	19.8	22.6	24.9	26.9	28.8	31.0
50°	10.7	11.8	13.2	16.0	19.0	22.3	25.5	27.8	30.0	32.3	34.7
47.5°	12.4	13.6	14.8	17.8	21.2	24.6	27.9	30.8	33.3	36.3	39.1
45°	14.2	15.6	16.9	19.7	23.2	26.7	30.3	33.8	37.3	40.9	45.4
42.5°	16.1	17.7	19.3	21.5	25.0	28.8	32.7	37.4	41.9	46.8	52.6
40°	18.0	19.7	21.7	23.7	26.8	31.0	35.7	41.0	47.3	53.7	60.7
37.5°	19.8	21.8	23.9	26.0	28.7	33.4	38.7	45.4	53.0	61.1	70.1
35°	21.6	23.8	26.0	28.4	31.5	36.0	42.5	50.1	59.3	69.5	77.7
32.5°	23.4	25.7	28.0	30.9	34.6	39.3	46.3	55.8	66.4	76.7	82.2
30°	25.6	27.5	29.9	33.2	37.7	43.7	51.2	61.5	73.5	80.6	85.7
27.5°	28.5	29.2	31.9	35.8	40.9	48.0	57.3	68.0	78.0	84.2	88.8
25°	31.4	32.1	33.9	38.4	44.7	53.1	63.6	75.8	81.6	86.9	92.2
22.5°	34.2	34.9	37.1	40.9	48.4	58.3	70.4	81.1	86.7	90.1	95.8
20°	36.8	37.9	40.6	44.9	52.2	63.2	77.1	86.0	91.4	95.4	100.7
17.5°	39.3	40.9	44.1	49.4	57.5	68.7	83.1	91.0	96.2	100.1	106.6
15°	41.7	43.7	47.5	53.6	62.5	74.6	87.2	95.0	100.6	104.5	112.1
12.5°	44.0	46.5	50.8	57.5	66.9	79.7	90.6	97.6	103.2	109.1	117.0
10°	46.3	49.2	53.9	61.1	70.9	84.2	93.5	99.8	105.3	112.8	121.0
7.5°	46.7	50.5	56.4	64.4	74.5	87.9	95.9	101.4	107.5	116.2	124.7
5°	46.6	50.5	56.6	65.3	76.2	90.1	97.5	102.7	109.5	119.2	127.9
2.5°	46.6	50.2	56.7	65.6	76.6	90.3	97.7	103.0	110.7	122.1	130.9
0°	46.5	49.9	56.6	65.6	76.6	90.0	97.7	103.1	111.4	124.8	133.5
-2.5°	46.6	50.2	56.7	65.6	76.6	90.3	97.7	103.0	110.7	122.1	130.9
-5°	46.6	50.5	56.6	65.3	76.2	90.1	97.5	102.7	109.5	119.2	127.9
-7.5°	46.7	50.5	56.4	64.4	74.5	87.9	95.9	101.4	107.5	116.2	124.7
-10°	46.3	49.2	53.9	61.1	70.9	84.2	93.5	99.8	105.3	112.8	121.0
-12.5°	44.0	46.5	50.8	57.5	66.9	79.7	90.6	97.6	103.2	109.1	117.0
-15°	41.7	43.7	47.5	53.6	62.5	74.6	87.2	95.0	100.6	104.5	112.1
-17.5°	39.3	40.9	44.1	49.4	57.5	68.7	83.1	91.0	96.2	100.1	106.6
-20°	36.8	37.9	40.6	44.9	52.2	63.2	77.1	86.0	91.4	95.4	100.7



REPORT NUMBER: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	34.2	34.9	37.1	40.9	48.4	58.3	70.4	81.1	86.7	90.1	95.8
-25°	31.4	32.1	33.9	38.4	44.7	53.1	63.6	75.8	81.6	86.9	92.2
-27.5°	28.5	29.2	31.9	35.8	40.9	48.0	57.3	68.0	78.0	84.2	88.8
-30°	25.6	27.5	29.9	33.2	37.7	43.7	51.2	61.5	73.5	80.6	85.7
-32.5°	23.4	25.7	28.0	30.9	34.6	39.3	46.3	55.8	66.4	76.7	82.2
-35°	21.6	23.8	26.0	28.4	31.5	36.0	42.5	50.1	59.3	69.5	77.7
-37.5°	19.8	21.8	23.9	26.0	28.7	33.4	38.7	45.4	53.0	61.1	70.1
-40°	18.0	19.7	21.7	23.7	26.8	31.0	35.7	41.0	47.3	53.7	60.7
-42.5°	16.1	17.7	19.3	21.5	25.0	28.8	32.7	37.4	41.9	46.8	52.6
-45°	14.2	15.6	16.9	19.7	23.2	26.7	30.3	33.8	37.3	40.9	45.4
-47.5°	12.4	13.6	14.8	17.8	21.2	24.6	27.9	30.8	33.3	36.3	39.1
-50°	10.7	11.8	13.2	16.0	19.0	22.3	25.5	27.8	30.0	32.3	34.7
-52.5°	9.3	10.1	11.9	14.2	16.9	19.8	22.6	24.9	26.9	28.8	31.0
-55°	7.9	8.8	10.5	12.6	14.9	17.5	19.6	21.8	23.9	25.7	27.5
-57.5°	6.7	7.7	9.2	10.9	12.9	15.1	16.9	18.5	20.3	22.3	24.5
-60°	5.6	6.7	8.0	9.4	10.9	12.8	14.3	15.8	17.2	18.6	20.7
-62.5°	4.6	5.7	6.8	8.1	9.4	10.7	12.3	13.6	14.6	15.8	17.2
-65°	3.7	4.6	5.7	6.8	7.9	9.2	10.5	11.8	13.0	13.5	14.2
-67.5°	2.9	3.7	4.5	5.4	6.4	7.4	8.7	9.9	11.0	11.5	11.9
-70°	2.2	2.7	3.4	4.2	4.9	5.5	6.4	7.5	8.6	9.2	9.5
-72.5°	1.6	2.0	2.4	2.9	3.5	4.0	4.4	4.8	5.6	6.4	7.0
-75°	1.1	1.3	1.6	2.0	2.3	2.6	2.9	3.2	3.7	4.2	4.6
-77.5°	0.9	1.0	1.1	1.2	1.3	1.6	1.8	2.0	2.3	2.6	2.8
-80°	0.7	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.4	1.6
-82.5°	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.8	0.8	0.9	0.9
-85°	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5
-87.5°	0.3	0.3	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: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-U-TSB-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°	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
82.5°	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3
80°	1.8	1.9	2.0	2.1	2.2	2.4	2.7	3.0	3.4	3.5	3.6
77.5°	3.2	3.4	3.6	3.7	3.8	4.3	5.0	5.6	6.4	6.7	7.1
75°	5.1	5.4	5.6	5.7	5.7	6.5	7.7	9.0	10.3	11.0	11.4
72.5°	7.3	7.6	7.7	7.9	8.0	9.2	11.3	13.7	16.1	17.7	18.8
70°	9.8	10.0	10.2	10.4	10.6	12.0	15.1	18.3	21.7	25.1	28.6
67.5°	12.3	12.9	13.2	13.4	13.5	14.8	18.1	21.1	23.9	30.0	39.6
65°	15.2	16.5	17.0	17.3	17.4	18.0	20.8	23.4	25.6	30.4	37.7
62.5°	18.8	20.5	21.3	21.6	21.8	21.9	24.2	26.3	28.3	31.3	35.9
60°	22.7	24.5	25.5	25.7	25.9	26.0	27.9	30.0	31.9	34.3	38.7
57.5°	26.2	27.9	29.4	29.9	30.4	30.7	32.3	34.8	37.1	39.6	44.2
55°	29.6	31.7	33.7	34.8	35.8	36.7	38.3	41.5	44.5	47.3	52.1
52.5°	33.3	36.0	38.6	40.6	42.6	44.3	46.0	50.1	54.1	57.8	62.5
50°	37.7	41.0	44.9	48.1	50.9	53.7	56.2	61.0	66.4	71.5	76.5
47.5°	43.3	47.7	52.6	57.2	61.0	65.3	69.1	74.1	78.9	83.7	87.8
45°	50.2	56.2	61.9	68.0	73.4	76.2	78.5	81.6	86.5	91.2	95.0
42.5°	59.0	66.0	73.0	77.5	81.0	83.3	84.9	86.5	91.7	96.2	99.9
40°	68.8	75.8	80.1	83.8	86.3	88.3	90.8	93.3	97.3	102.0	106.2
37.5°	77.2	81.7	85.5	88.5	91.4	94.0	97.7	101.3	105.2	110.4	114.3
35°	82.4	86.4	90.2	93.9	97.6	101.8	106.4	111.7	116.5	122.2	127.3
32.5°	86.4	90.5	95.1	100.8	106.0	111.6	117.4	123.1	128.7	134.9	141.3
30°	89.9	94.6	101.0	108.4	115.5	123.0	130.4	137.6	144.7	151.9	159.1
27.5°	93.6	99.5	107.3	116.4	125.8	135.3	144.7	153.9	162.9	171.9	180.9
25°	98.0	105.1	114.7	125.5	136.3	147.1	157.8	168.3	178.6	188.8	198.9
22.5°	103.2	112.3	123.6	135.5	147.1	158.6	170.0	181.2	192.2	203.0	213.7
20°	108.6	119.1	132.0	144.6	156.9	169.0	180.9	192.5	203.9	215.1	226.1
17.5°	115.0	127.3	141.9	155.3	168.3	180.9	193.2	205.1	216.7	228.0	239.1
15°	120.7	133.9	149.8	164.1	177.8	190.9	203.5	215.6	227.2	238.5	249.5
12.5°	117.5	131.3	148.1	163.3	176.9	189.8	202.2	214.1	225.6	236.8	247.7
10°	112.7	127.7	145.6	161.5	175.0	187.8	200.0	211.7	223.0	233.9	244.5
7.5°	109.0	125.4	144.3	160.9	174.2	186.9	198.9	210.4	221.5	232.2	242.6
5°	106.2	123.4	143.3	159.5	172.6	185.2	197.1	208.5	219.4	230.0	240.3
2.5°	104.9	122.8	142.3	158.5	171.4	183.8	195.5	206.8	217.5	228.0	238.2
0°	105.8	101.7	119.1	153.9	187.1	212.8	259.4	338.0	487.9	809.7	1601.1
-2.5°	104.9	102.8	119.3	152.9	185.3	213.2	258.4	333.7	478.0	769.6	1551.2
-5°	106.2	103.4	118.7	149.9	182.4	210.2	251.9	319.5	444.9	661.2	1179.7
-7.5°	109.0	103.4	116.6	144.4	176.3	204.9	241.4	299.8	392.6	544.4	847.8
-10°	112.7	102.7	112.0	134.9	166.1	197.0	224.5	272.6	339.2	449.8	592.3
-12.5°	117.5	101.3	105.1	122.6	152.4	184.1	210.5	247.3	297.7	357.9	448.4
-15°	120.7	103.9	101.8	113.6	136.3	165.7	195.5	218.7	256.9	298.1	339.8
-17.5°	115.0	111.3	99.9	103.5	118.6	144.8	172.3	198.1	219.2	247.9	272.4
-20°	108.6	119.1	103.0	99.6	107.1	122.2	146.7	171.0	193.4	210.0	223.9



REPORT NUMBER: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	103.2	112.3	113.6	97.7	99.4	107.9	121.1	142.3	162.3	180.9	194.8
-25°	98.0	105.1	114.7	110.5	97.7	99.0	105.5	115.3	131.8	147.2	160.7
-27.5°	93.6	99.5	107.3	116.4	110.8	96.8	97.6	100.1	108.8	116.1	127.3
-30°	89.9	94.6	101.0	108.4	115.5	113.0	100.4	96.0	97.3	99.9	104.9
-32.5°	86.4	90.5	95.1	100.8	106.0	111.6	117.4	108.1	98.7	94.9	95.7
-35°	82.4	86.4	90.2	93.9	97.6	101.8	106.4	111.7	116.5	112.2	105.9
-37.5°	77.2	81.7	85.5	88.5	91.4	94.0	97.7	101.3	105.2	110.4	114.3
-40°	68.8	75.8	80.1	83.8	86.3	88.3	90.8	93.3	97.3	102.0	106.2
-42.5°	59.0	66.0	73.0	77.5	81.0	83.3	84.9	86.5	91.7	96.2	99.9
-45°	50.2	56.2	61.9	68.0	73.4	76.2	78.5	81.6	86.5	91.2	95.0
-47.5°	43.3	47.7	52.6	57.2	61.0	65.3	69.1	74.1	78.9	83.7	87.8
-50°	37.7	41.0	44.9	48.1	50.9	53.7	56.2	61.0	66.4	71.5	76.5
-52.5°	33.3	36.0	38.6	40.6	42.6	44.3	46.0	50.1	54.1	57.8	62.5
-55°	29.6	31.7	33.7	34.8	35.8	36.7	38.3	41.5	44.5	47.3	52.1
-57.5°	26.2	27.9	29.4	29.9	30.4	30.7	32.3	34.8	37.1	39.6	44.2
-60°	22.7	24.5	25.5	25.7	25.9	26.0	27.9	30.0	31.9	34.3	38.7
-62.5°	18.8	20.5	21.3	21.6	21.8	21.9	24.2	26.3	28.3	31.3	35.9
-65°	15.2	16.5	17.0	17.3	17.4	18.0	20.8	23.4	25.6	30.4	37.7
-67.5°	12.3	12.9	13.2	13.4	13.5	14.8	18.1	21.1	23.9	30.0	39.6
-70°	9.8	10.0	10.2	10.4	10.6	12.0	15.1	18.3	21.7	25.1	28.6
-72.5°	7.3	7.6	7.7	7.9	8.0	9.2	11.3	13.7	16.1	17.7	18.8
-75°	5.1	5.4	5.6	5.7	5.7	6.5	7.7	9.0	10.3	11.0	11.4
-77.5°	3.2	3.4	3.6	3.7	3.8	4.3	5.0	5.6	6.4	6.7	7.1
-80°	1.8	1.9	2.0	2.1	2.2	2.4	2.7	3.0	3.4	3.5	3.6
-82.5°	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3
-85°	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7
-87.5°	0.2	0.3	0.3	0.3	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: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-U-TSB-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
80°	3.6	3.7	3.5	3.3	3.5	3.7	3.6	3.6	3.5	3.4	3.0
77.5°	7.3	7.6	7.3	7.0	7.3	7.6	7.3	7.1	6.7	6.4	5.6
75°	11.9	12.3	12.0	11.7	12.0	12.3	11.9	11.4	11.0	10.3	9.0
72.5°	19.8	20.8	20.6	20.1	20.6	20.8	19.8	18.8	17.7	16.1	13.7
70°	32.4	36.2	36.0	35.1	36.0	36.2	32.4	28.6	25.1	21.7	18.3
67.5°	50.0	60.8	64.2	65.9	64.2	60.8	50.0	39.6	30.0	23.9	21.1
65°	44.5	51.1	53.7	55.6	53.7	51.1	44.5	37.7	30.4	25.6	23.4
62.5°	40.1	43.9	44.7	44.8	44.7	43.9	40.1	35.9	31.3	28.3	26.3
60°	42.9	47.0	47.6	46.9	47.6	47.0	42.9	38.7	34.3	31.9	30.0
57.5°	48.7	53.0	53.8	52.9	53.8	53.0	48.7	44.2	39.6	37.1	34.8
55°	56.7	61.1	62.5	62.2	62.5	61.1	56.7	52.1	47.3	44.5	41.5
52.5°	67.0	71.1	72.7	72.6	72.7	71.1	67.0	62.5	57.8	54.1	50.1
50°	80.7	84.3	86.1	86.3	86.1	84.3	80.7	76.5	71.5	66.4	61.0
47.5°	90.7	93.0	94.2	94.4	94.2	93.0	90.7	87.8	83.7	78.9	74.1
45°	96.7	98.0	98.9	99.7	98.9	98.0	96.7	95.0	91.2	86.5	81.6
42.5°	102.4	105.0	107.0	107.4	107.0	105.0	102.4	99.9	96.2	91.7	86.5
40°	110.1	113.7	117.2	120.8	117.2	113.7	110.1	106.2	102.0	97.3	93.3
37.5°	118.2	122.3	125.6	127.5	125.6	122.3	118.2	114.3	110.4	105.2	101.3
35°	101.6	98.9	97.4	96.7	97.4	98.9	101.6	105.9	112.2	116.5	111.7
32.5°	96.2	96.3	96.0	95.4	96.0	96.3	96.2	95.7	94.9	98.7	108.1
30°	108.6	110.3	110.5	110.4	110.5	110.3	108.6	104.9	99.9	97.3	96.0
27.5°	135.5	140.1	141.5	144.2	141.5	140.1	135.5	127.3	116.1	108.8	100.1
25°	171.1	177.9	181.2	182.4	181.2	177.9	171.1	160.7	147.2	131.8	115.3
22.5°	202.7	207.9	211.0	213.5	211.0	207.9	202.7	194.8	180.9	162.3	142.3
20°	240.2	249.6	254.0	254.3	254.0	249.6	240.2	223.9	210.0	193.4	171.0
17.5°	298.6	317.1	326.4	329.0	326.4	317.1	298.6	272.4	247.9	219.2	198.1
15°	390.8	438.1	462.4	473.9	462.4	438.1	390.8	339.8	298.1	256.9	218.7
12.5°	541.4	647.9	733.9	766.4	733.9	647.9	541.4	448.4	357.9	297.7	247.3
10°	839.5	1157.6	1529.1	1702.5	1529.1	1157.6	839.5	592.3	449.8	339.2	272.6
7.5°	1624.1	3770.9	7308.6	8996.2	7308.6	3770.9	1624.1	847.8	544.4	392.6	299.8
5°	3461.9	14940.2	26756.1	31427.3	26756.1	14940.2	3461.9	1179.7	661.2	444.9	319.5
2.5°	5514.0	24503.9	46235.0	54062.3	46235.0	24503.9	5514.0	1551.2	769.6	478.0	333.7
0°	6588.1	25822.6	51019.3	58829.3	51019.3	25822.6	6588.1	1601.1	809.7	487.9	338.0
-2.5°	5514.0	24503.9	46235.0	54062.2	46235.0	24503.9	5514.0	1551.2	769.6	478.0	333.7
-5°	3461.9	14940.2	26756.1	31427.3	26756.1	14940.2	3461.9	1179.7	661.2	444.9	319.5
-7.5°	1624.1	3770.9	7308.6	8996.2	7308.6	3770.9	1624.1	847.8	544.4	392.6	299.8
-10°	839.5	1157.6	1529.1	1702.5	1529.1	1157.6	839.5	592.3	449.8	339.2	272.6
-12.5°	541.4	647.9	733.9	766.4	733.9	647.9	541.4	448.4	357.9	297.7	247.3
-15°	390.8	438.1	462.4	473.9	462.4	438.1	390.8	339.8	298.1	256.9	218.7
-17.5°	298.6	317.1	326.4	329.0	326.4	317.1	298.6	272.4	247.9	219.2	198.1
-20°	240.2	249.6	254.0	254.3	254.0	249.6	240.2	223.9	210.0	193.4	171.0



REPORT NUMBER: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	202.7	207.9	211.0	213.5	211.0	207.9	202.7	194.8	180.9	162.3	142.3
-25°	171.1	177.9	181.2	182.4	181.2	177.9	171.1	160.7	147.2	131.8	115.3
-27.5°	135.5	140.1	141.5	144.2	141.5	140.1	135.5	127.3	116.1	108.8	100.1
-30°	108.6	110.3	110.5	110.4	110.5	110.3	108.6	104.9	99.9	97.3	96.0
-32.5°	96.2	96.3	96.0	95.4	96.0	96.3	96.2	95.7	94.9	98.7	108.1
-35°	101.6	98.9	97.4	96.7	97.4	98.9	101.6	105.9	112.2	116.5	111.7
-37.5°	118.2	122.3	125.6	127.5	125.6	122.3	118.2	114.3	110.4	105.2	101.3
-40°	110.1	113.7	117.2	120.8	117.2	113.7	110.1	106.2	102.0	97.3	93.3
-42.5°	102.4	105.0	107.0	107.4	107.0	105.0	102.4	99.9	96.2	91.7	86.5
-45°	96.7	98.0	98.9	99.7	98.9	98.0	96.7	95.0	91.2	86.5	81.6
-47.5°	90.7	93.0	94.2	94.4	94.2	93.0	90.7	87.8	83.7	78.9	74.1
-50°	80.7	84.3	86.1	86.3	86.1	84.3	80.7	76.5	71.5	66.4	61.0
-52.5°	67.0	71.1	72.7	72.6	72.7	71.1	67.0	62.5	57.8	54.1	50.1
-55°	56.7	61.1	62.5	62.2	62.5	61.1	56.7	52.1	47.3	44.5	41.5
-57.5°	48.7	53.0	53.8	52.9	53.8	53.0	48.7	44.2	39.6	37.1	34.8
-60°	42.9	47.0	47.6	46.9	47.6	47.0	42.9	38.7	34.3	31.9	30.0
-62.5°	40.1	43.9	44.7	44.8	44.7	43.9	40.1	35.9	31.3	28.3	26.3
-65°	44.5	51.1	53.7	55.6	53.7	51.1	44.5	37.7	30.4	25.6	23.4
-67.5°	50.0	60.8	64.2	65.9	64.2	60.8	50.0	39.6	30.0	23.9	21.1
-70°	32.4	36.2	36.0	35.1	36.0	36.2	32.4	28.6	25.1	21.7	18.3
-72.5°	19.8	20.8	20.6	20.1	20.6	20.8	19.8	18.8	17.7	16.1	13.7
-75°	11.9	12.3	12.0	11.7	12.0	12.3	11.9	11.4	11.0	10.3	9.0
-77.5°	7.3	7.6	7.3	7.0	7.3	7.6	7.3	7.1	6.7	6.4	5.6
-80°	3.6	3.7	3.5	3.3	3.5	3.7	3.6	3.6	3.5	3.4	3.0
-82.5°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2
-85°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
-87.5°	0.3	0.3	0.3	0.3	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: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-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°	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
85°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
82.5°	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8
80°	2.7	2.4	2.2	2.1	2.0	1.9	1.8	1.6	1.4	1.3	1.2
77.5°	5.0	4.3	3.8	3.7	3.6	3.4	3.2	2.8	2.6	2.3	2.0
75°	7.7	6.5	5.7	5.7	5.6	5.4	5.1	4.6	4.2	3.7	3.2
72.5°	11.3	9.2	8.0	7.9	7.7	7.6	7.3	7.0	6.4	5.6	4.8
70°	15.1	12.0	10.6	10.4	10.2	10.0	9.8	9.5	9.2	8.6	7.5
67.5°	18.1	14.8	13.5	13.4	13.2	12.9	12.3	11.9	11.5	11.0	9.9
65°	20.8	18.0	17.4	17.3	17.0	16.5	15.2	14.2	13.5	13.0	11.8
62.5°	24.2	21.9	21.8	21.6	21.3	20.5	18.8	17.2	15.8	14.6	13.6
60°	27.9	26.0	25.9	25.7	25.5	24.5	22.7	20.7	18.6	17.2	15.8
57.5°	32.3	30.7	30.4	29.9	29.4	27.9	26.2	24.5	22.3	20.3	18.5
55°	38.3	36.7	35.8	34.8	33.7	31.7	29.6	27.5	25.7	23.9	21.8
52.5°	46.0	44.3	42.6	40.6	38.6	36.0	33.3	31.0	28.8	26.9	24.9
50°	56.2	53.7	50.9	48.1	44.9	41.0	37.7	34.7	32.3	30.0	27.8
47.5°	69.1	65.3	61.0	57.2	52.6	47.7	43.3	39.1	36.3	33.3	30.8
45°	78.5	76.2	73.4	68.0	61.9	56.2	50.2	45.4	40.9	37.3	33.8
42.5°	84.9	83.3	81.0	77.5	73.0	66.0	59.0	52.6	46.8	41.9	37.4
40°	90.8	88.3	86.3	83.8	80.1	75.8	68.8	60.7	53.7	47.3	41.0
37.5°	97.7	94.0	91.4	88.5	85.5	81.7	77.2	70.1	61.1	53.0	45.4
35°	106.4	101.8	97.6	93.9	90.2	86.4	82.4	77.7	69.5	59.3	50.1
32.5°	117.4	111.6	106.0	100.8	95.1	90.5	86.4	82.2	76.7	66.4	55.8
30°	100.4	113.0	115.5	108.4	101.0	94.6	89.9	85.7	80.6	73.5	61.5
27.5°	97.6	96.8	110.8	116.4	107.3	99.5	93.6	88.8	84.2	78.0	68.0
25°	105.5	99.0	97.7	110.5	114.7	105.1	98.0	92.2	86.9	81.6	75.8
22.5°	121.1	107.9	99.4	97.7	113.6	112.3	103.2	95.8	90.1	86.7	81.1
20°	146.7	122.2	107.1	99.6	103.0	119.1	108.6	100.7	95.4	91.4	86.0
17.5°	172.3	144.8	118.6	103.5	99.9	111.3	115.0	106.6	100.1	96.2	91.0
15°	195.5	165.7	136.3	113.6	101.8	103.9	120.7	112.1	104.5	100.6	95.0
12.5°	210.5	184.1	152.4	122.6	105.1	101.3	117.5	117.0	109.1	103.2	97.6
10°	224.5	197.0	166.1	134.9	112.0	102.7	112.7	121.0	112.8	105.3	99.8
7.5°	241.4	204.9	176.3	144.4	116.6	103.4	109.0	124.7	116.2	107.5	101.4
5°	251.9	210.2	182.4	149.9	118.7	103.4	106.2	127.9	119.2	109.5	102.7
2.5°	258.4	213.2	185.3	152.9	119.3	102.8	104.9	130.9	122.1	110.7	103.0
0°	259.4	212.8	187.1	153.9	119.1	101.7	105.8	133.5	124.8	111.4	103.1
-2.5°	258.4	213.2	185.3	152.9	119.3	102.8	104.9	130.9	122.1	110.7	103.0
-5°	251.9	210.2	182.4	149.9	118.7	103.4	106.2	127.9	119.2	109.5	102.7
-7.5°	241.4	204.9	176.3	144.4	116.6	103.4	109.0	124.7	116.2	107.5	101.4
-10°	224.5	197.0	166.1	134.9	112.0	102.7	112.7	121.0	112.8	105.3	99.8
-12.5°	210.5	184.1	152.4	122.6	105.1	101.3	117.5	117.0	109.1	103.2	97.6
-15°	195.5	165.7	136.3	113.6	101.8	103.9	120.7	112.1	104.5	100.6	95.0
-17.5°	172.3	144.8	118.6	103.5	99.9	111.3	115.0	106.6	100.1	96.2	91.0
-20°	146.7	122.2	107.1	99.6	103.0	119.1	108.6	100.7	95.4	91.4	86.0



REPORT NUMBER: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	121.1	107.9	99.4	97.7	113.6	112.3	103.2	95.8	90.1	86.7	81.1
-25°	105.5	99.0	97.7	110.5	114.7	105.1	98.0	92.2	86.9	81.6	75.8
-27.5°	97.6	96.8	110.8	116.4	107.3	99.5	93.6	88.8	84.2	78.0	68.0
-30°	100.4	113.0	115.5	108.4	101.0	94.6	89.9	85.7	80.6	73.5	61.5
-32.5°	117.4	111.6	106.0	100.8	95.1	90.5	86.4	82.2	76.7	66.4	55.8
-35°	106.4	101.8	97.6	93.9	90.2	86.4	82.4	77.7	69.5	59.3	50.1
-37.5°	97.7	94.0	91.4	88.5	85.5	81.7	77.2	70.1	61.1	53.0	45.4
-40°	90.8	88.3	86.3	83.8	80.1	75.8	68.8	60.7	53.7	47.3	41.0
-42.5°	84.9	83.3	81.0	77.5	73.0	66.0	59.0	52.6	46.8	41.9	37.4
-45°	78.5	76.2	73.4	68.0	61.9	56.2	50.2	45.4	40.9	37.3	33.8
-47.5°	69.1	65.3	61.0	57.2	52.6	47.7	43.3	39.1	36.3	33.3	30.8
-50°	56.2	53.7	50.9	48.1	44.9	41.0	37.7	34.7	32.3	30.0	27.8
-52.5°	46.0	44.3	42.6	40.6	38.6	36.0	33.3	31.0	28.8	26.9	24.9
-55°	38.3	36.7	35.8	34.8	33.7	31.7	29.6	27.5	25.7	23.9	21.8
-57.5°	32.3	30.7	30.4	29.9	29.4	27.9	26.2	24.5	22.3	20.3	18.5
-60°	27.9	26.0	25.9	25.7	25.5	24.5	22.7	20.7	18.6	17.2	15.8
-62.5°	24.2	21.9	21.8	21.6	21.3	20.5	18.8	17.2	15.8	14.6	13.6
-65°	20.8	18.0	17.4	17.3	17.0	16.5	15.2	14.2	13.5	13.0	11.8
-67.5°	18.1	14.8	13.5	13.4	13.2	12.9	12.3	11.9	11.5	11.0	9.9
-70°	15.1	12.0	10.6	10.4	10.2	10.0	9.8	9.5	9.2	8.6	7.5
-72.5°	11.3	9.2	8.0	7.9	7.7	7.6	7.3	7.0	6.4	5.6	4.8
-75°	7.7	6.5	5.7	5.7	5.6	5.4	5.1	4.6	4.2	3.7	3.2
-77.5°	5.0	4.3	3.8	3.7	3.6	3.4	3.2	2.8	2.6	2.3	2.0
-80°	2.7	2.4	2.2	2.1	2.0	1.9	1.8	1.6	1.4	1.3	1.2
-82.5°	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.8	0.8
-85°	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
-87.5°	0.3	0.3	0.3	0.3	0.3	0.3	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: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-U-TSB-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°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2
85°	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.5	0.5	0.4
82.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
80°	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7
77.5°	1.8	1.6	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.7
75°	2.9	2.6	2.3	2.0	1.6	1.3	1.1	1.0	0.9	0.7	0.7
72.5°	4.4	4.0	3.5	2.9	2.4	2.0	1.6	1.3	1.2	1.0	0.8
70°	6.4	5.5	4.9	4.2	3.4	2.7	2.2	1.8	1.5	1.3	1.0
67.5°	8.7	7.4	6.4	5.4	4.5	3.7	2.9	2.4	2.0	1.6	1.3
65°	10.5	9.2	7.9	6.8	5.7	4.6	3.7	3.1	2.6	2.1	1.6
62.5°	12.3	10.7	9.4	8.1	6.8	5.7	4.6	3.9	3.2	2.6	2.0
60°	14.3	12.8	10.9	9.4	8.0	6.7	5.6	4.8	4.0	3.1	2.4
57.5°	16.9	15.1	12.9	10.9	9.2	7.7	6.7	5.8	4.8	3.8	2.9
55°	19.6	17.5	14.9	12.6	10.5	8.8	7.9	6.9	5.7	4.6	3.3
52.5°	22.6	19.8	16.9	14.2	11.9	10.1	9.3	8.0	6.8	5.3	4.1
50°	25.5	22.3	19.0	16.0	13.2	11.8	10.7	9.4	7.8	6.2	4.9
47.5°	27.9	24.6	21.2	17.8	14.8	13.6	12.4	10.8	8.9	7.2	5.7
45°	30.3	26.7	23.2	19.7	16.9	15.6	14.2	12.2	10.2	8.3	6.6
42.5°	32.7	28.8	25.0	21.5	19.3	17.7	16.1	14.0	11.6	9.5	7.6
40°	35.7	31.0	26.8	23.7	21.7	19.7	18.0	15.8	13.0	10.9	8.7
37.5°	38.7	33.4	28.7	26.0	23.9	21.8	19.8	17.7	14.8	12.3	9.8
35°	42.5	36.0	31.5	28.4	26.0	23.8	21.6	19.5	16.9	13.9	10.9
32.5°	46.3	39.3	34.6	30.9	28.0	25.7	23.4	21.8	19.0	15.4	12.1
30°	51.2	43.7	37.7	33.2	29.9	27.5	25.6	24.4	21.3	16.9	13.2
27.5°	57.3	48.0	40.9	35.8	31.9	29.2	28.5	27.3	23.5	18.6	14.5
25°	63.6	53.1	44.7	38.4	33.9	32.1	31.4	30.3	25.9	20.5	15.8
22.5°	70.4	58.3	48.4	40.9	37.1	34.9	34.2	32.9	28.4	22.4	17.0
20°	77.1	63.2	52.2	44.9	40.6	37.9	36.8	35.5	31.0	24.2	18.2
17.5°	83.1	68.7	57.5	49.4	44.1	40.9	39.3	38.0	33.7	26.1	19.4
15°	87.2	74.6	62.5	53.6	47.5	43.7	41.7	40.5	36.4	27.8	20.2
12.5°	90.6	79.7	66.9	57.5	50.8	46.5	44.0	42.9	39.1	29.0	20.6
10°	93.5	84.2	70.9	61.1	53.9	49.2	46.3	44.7	40.2	29.6	21.0
7.5°	95.9	87.9	74.5	64.4	56.4	50.5	46.7	45.0	40.8	30.0	21.3
5°	97.5	90.1	76.2	65.3	56.6	50.5	46.6	45.2	41.2	30.3	21.6
2.5°	97.7	90.3	76.6	65.6	56.7	50.2	46.6	45.4	41.5	30.5	21.7
0°	97.7	90.0	76.6	65.6	56.6	49.9	46.5	45.5	41.5	30.5	21.8
-2.5°	97.7	90.3	76.6	65.6	56.7	50.2	46.6	45.4	41.5	30.5	21.7
-5°	97.5	90.1	76.2	65.3	56.6	50.5	46.6	45.2	41.2	30.3	21.6
-7.5°	95.9	87.9	74.5	64.4	56.4	50.5	46.7	45.0	40.8	30.0	21.3
-10°	93.5	84.2	70.9	61.1	53.9	49.2	46.3	44.7	40.2	29.6	21.0
-12.5°	90.6	79.7	66.9	57.5	50.8	46.5	44.0	42.9	39.1	29.0	20.6
-15°	87.2	74.6	62.5	53.6	47.5	43.7	41.7	40.5	36.4	27.8	20.2
-17.5°	83.1	68.7	57.5	49.4	44.1	40.9	39.3	38.0	33.7	26.1	19.4
-20°	77.1	63.2	52.2	44.9	40.6	37.9	36.8	35.5	31.0	24.2	18.2



REPORT NUMBER: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	70.4	58.3	48.4	40.9	37.1	34.9	34.2	32.9	28.4	22.4	17.0
-25°	63.6	53.1	44.7	38.4	33.9	32.1	31.4	30.3	25.9	20.5	15.8
-27.5°	57.3	48.0	40.9	35.8	31.9	29.2	28.5	27.3	23.5	18.6	14.5
-30°	51.2	43.7	37.7	33.2	29.9	27.5	25.6	24.4	21.3	16.9	13.2
-32.5°	46.3	39.3	34.6	30.9	28.0	25.7	23.4	21.8	19.0	15.4	12.1
-35°	42.5	36.0	31.5	28.4	26.0	23.8	21.6	19.5	16.9	13.9	10.9
-37.5°	38.7	33.4	28.7	26.0	23.9	21.8	19.8	17.7	14.8	12.3	9.8
-40°	35.7	31.0	26.8	23.7	21.7	19.7	18.0	15.8	13.0	10.9	8.7
-42.5°	32.7	28.8	25.0	21.5	19.3	17.7	16.1	14.0	11.6	9.5	7.6
-45°	30.3	26.7	23.2	19.7	16.9	15.6	14.2	12.2	10.2	8.3	6.6
-47.5°	27.9	24.6	21.2	17.8	14.8	13.6	12.4	10.8	8.9	7.2	5.7
-50°	25.5	22.3	19.0	16.0	13.2	11.8	10.7	9.4	7.8	6.2	4.9
-52.5°	22.6	19.8	16.9	14.2	11.9	10.1	9.3	8.0	6.8	5.3	4.1
-55°	19.6	17.5	14.9	12.6	10.5	8.8	7.9	6.9	5.7	4.6	3.3
-57.5°	16.9	15.1	12.9	10.9	9.2	7.7	6.7	5.8	4.8	3.8	2.9
-60°	14.3	12.8	10.9	9.4	8.0	6.7	5.6	4.8	4.0	3.1	2.4
-62.5°	12.3	10.7	9.4	8.1	6.8	5.7	4.6	3.9	3.2	2.6	2.0
-65°	10.5	9.2	7.9	6.8	5.7	4.6	3.7	3.1	2.6	2.1	1.6
-67.5°	8.7	7.4	6.4	5.4	4.5	3.7	2.9	2.4	2.0	1.6	1.3
-70°	6.4	5.5	4.9	4.2	3.4	2.7	2.2	1.8	1.5	1.3	1.0
-72.5°	4.4	4.0	3.5	2.9	2.4	2.0	1.6	1.3	1.2	1.0	0.8
-75°	2.9	2.6	2.3	2.0	1.6	1.3	1.1	1.0	0.9	0.7	0.7
-77.5°	1.8	1.6	1.3	1.2	1.1	1.0	0.9	0.8	0.7	0.7	0.7
-80°	1.1	1.0	1.0	0.9	0.8	0.7	0.7	0.7	0.7	0.7	0.7
-82.5°	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
-85°	0.4	0.4	0.4	0.4	0.4	0.5	0.6	0.6	0.5	0.5	0.4
-87.5°	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	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):**

	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°	0.2	0.2	0.1	0.1	0.1	0.0	0.0
85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
77.5°	0.7	0.7	0.6	0.5	0.3	0.2	0.0
75°	0.7	0.7	0.7	0.5	0.4	0.2	0.0
72.5°	0.7	0.7	0.7	0.6	0.4	0.2	0.0
70°	0.7	0.7	0.7	0.7	0.5	0.2	0.0
67.5°	1.0	0.7	0.7	0.7	0.5	0.3	0.0
65°	1.2	0.8	0.7	0.7	0.6	0.3	0.0
62.5°	1.5	1.0	0.7	0.7	0.6	0.3	0.0
60°	1.7	1.2	0.7	0.7	0.7	0.3	0.0
57.5°	2.1	1.5	0.9	0.7	0.7	0.4	0.0
55°	2.6	1.7	1.0	0.7	0.7	0.4	0.0
52.5°	3.1	1.9	1.2	0.7	0.7	0.4	0.0
50°	3.5	2.3	1.4	0.7	0.7	0.4	0.0
47.5°	4.0	2.7	1.6	0.7	0.7	0.5	0.0
45°	4.8	3.2	1.7	0.9	0.7	0.5	0.0
42.5°	5.6	3.6	1.9	1.0	0.7	0.5	0.0
40°	6.3	4.0	2.1	1.1	0.8	0.5	0.0
37.5°	7.1	4.4	2.4	1.2	0.8	0.6	0.0
35°	7.9	5.0	2.8	1.3	0.8	0.6	0.0
32.5°	8.7	5.6	3.1	1.4	0.8	0.6	0.0
30°	9.6	6.2	3.4	1.5	0.8	0.6	0.0
27.5°	10.6	6.8	3.6	1.5	0.8	0.6	0.0
25°	11.4	7.4	3.7	1.6	0.8	0.6	0.0
22.5°	12.3	7.8	3.9	1.6	0.9	0.6	0.0
20°	13.2	8.0	3.9	1.7	0.9	0.7	0.0
17.5°	13.6	8.1	4.0	1.7	0.9	0.7	0.0
15°	13.8	8.2	4.0	1.7	0.9	0.7	0.0
12.5°	13.9	8.2	4.0	1.7	0.9	0.7	0.0
10°	13.9	8.1	4.0	1.7	0.9	0.7	0.0
7.5°	13.9	8.0	4.0	1.7	1.0	0.7	0.0
5°	13.8	7.8	3.9	1.7	1.0	0.7	0.0
2.5°	13.6	7.6	3.8	1.7	1.0	0.7	0.0
0°	13.4	7.4	3.7	1.7	1.0	0.7	0.0
-2.5°	13.6	7.6	3.8	1.7	1.0	0.7	0.0
-5°	13.8	7.8	3.9	1.7	1.0	0.7	0.0
-7.5°	13.9	8.0	4.0	1.7	1.0	0.7	0.0
-10°	13.9	8.1	4.0	1.7	0.9	0.7	0.0
-12.5°	13.9	8.2	4.0	1.7	0.9	0.7	0.0
-15°	13.8	8.2	4.0	1.7	0.9	0.7	0.0
-17.5°	13.6	8.1	4.0	1.7	0.9	0.7	0.0
-20°	13.2	8.0	3.9	1.7	0.9	0.7	0.0



REPORT NUMBER: P558513 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA1B-935-U-TSB-XX

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	12.3	7.8	3.9	1.6	0.9	0.6	0.0
-25°	11.4	7.4	3.7	1.6	0.8	0.6	0.0
-27.5°	10.6	6.8	3.6	1.5	0.8	0.6	0.0
-30°	9.6	6.2	3.4	1.5	0.8	0.6	0.0
-32.5°	8.7	5.6	3.1	1.4	0.8	0.6	0.0
-35°	7.9	5.0	2.8	1.3	0.8	0.6	0.0
-37.5°	7.1	4.4	2.4	1.2	0.8	0.6	0.0
-40°	6.3	4.0	2.1	1.1	0.8	0.5	0.0
-42.5°	5.6	3.6	1.9	1.0	0.7	0.5	0.0
-45°	4.8	3.2	1.7	0.9	0.7	0.5	0.0
-47.5°	4.0	2.7	1.6	0.7	0.7	0.5	0.0
-50°	3.5	2.3	1.4	0.7	0.7	0.4	0.0
-52.5°	3.1	1.9	1.2	0.7	0.7	0.4	0.0
-55°	2.6	1.7	1.0	0.7	0.7	0.4	0.0
-57.5°	2.1	1.5	0.9	0.7	0.7	0.4	0.0
-60°	1.7	1.2	0.7	0.7	0.7	0.3	0.0
-62.5°	1.5	1.0	0.7	0.7	0.6	0.3	0.0
-65°	1.2	0.8	0.7	0.7	0.6	0.3	0.0
-67.5°	1.0	0.7	0.7	0.7	0.5	0.3	0.0
-70°	0.7	0.7	0.7	0.7	0.5	0.2	0.0
-72.5°	0.7	0.7	0.7	0.6	0.4	0.2	0.0
-75°	0.7	0.7	0.7	0.5	0.4	0.2	0.0
-77.5°	0.7	0.7	0.6	0.5	0.3	0.2	0.0
-80°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-82.5°	0.5	0.5	0.4	0.3	0.2	0.1	0.0
-85°	0.4	0.3	0.2	0.2	0.1	0.1	0.0
-87.5°	0.2	0.2	0.1	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)