

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: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA5B-AMB-U-TSB-BK**

Issue Date: 7/30/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-1)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 7/30/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: GFLD-SA5B-AMB-U-TSB-BK  
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1  
Light Source: (80) 1549K CCT, -21.5 CRI LEDS  
Ballast/Driver: -

**Summary**

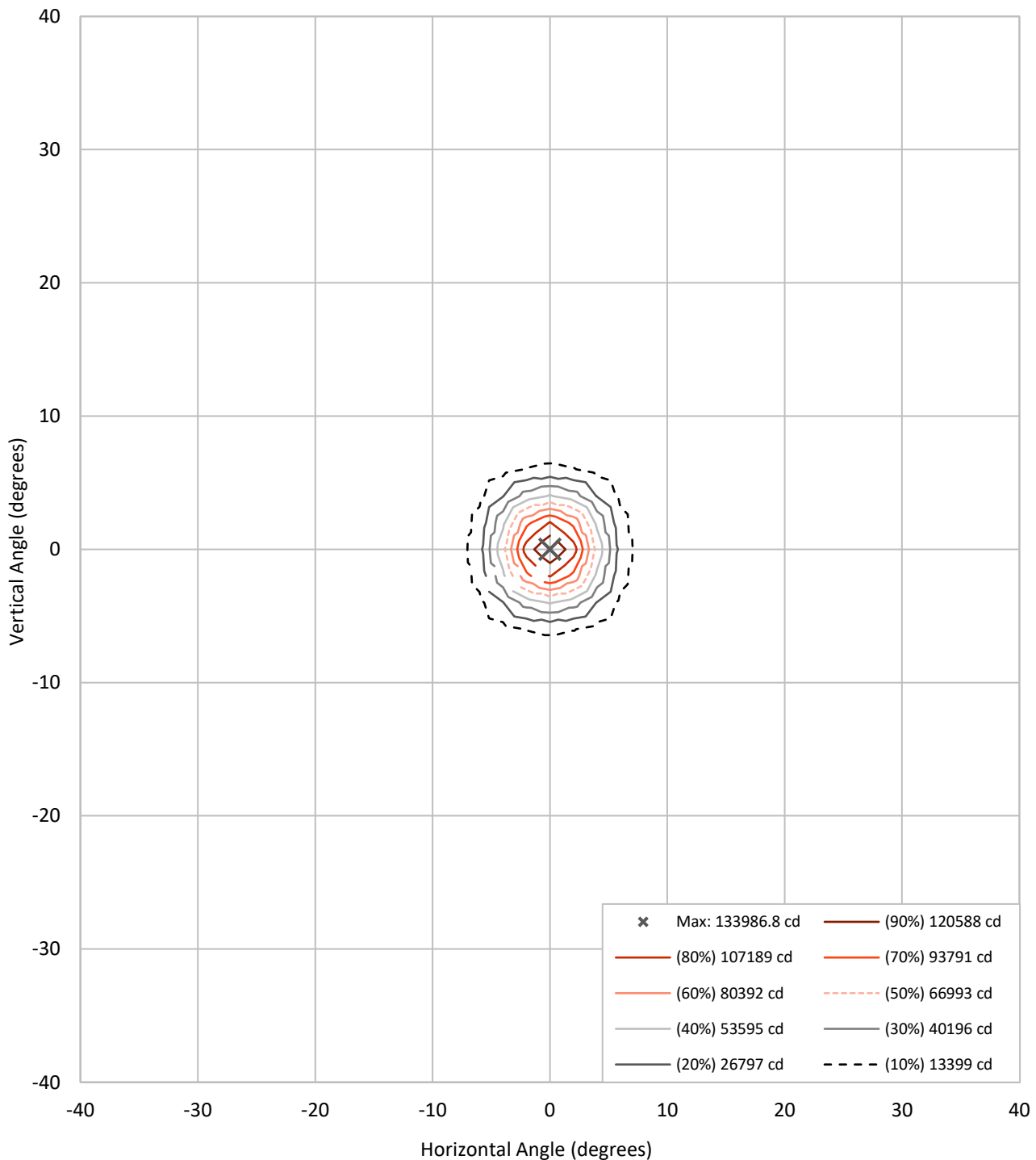
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3134.2 lumens	Max Intensity:	133986.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	31.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	7.8°H x 7.2°V	Field Angle (10%):	13.6°H x 12.7°V
Beam Lumens:	807.8 lumens	Field Lumens:	2088.7 lumens
Beam Efficiency:	25.8%	Field Efficiency:	66.6%

Input Watts (W): 99.6  
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





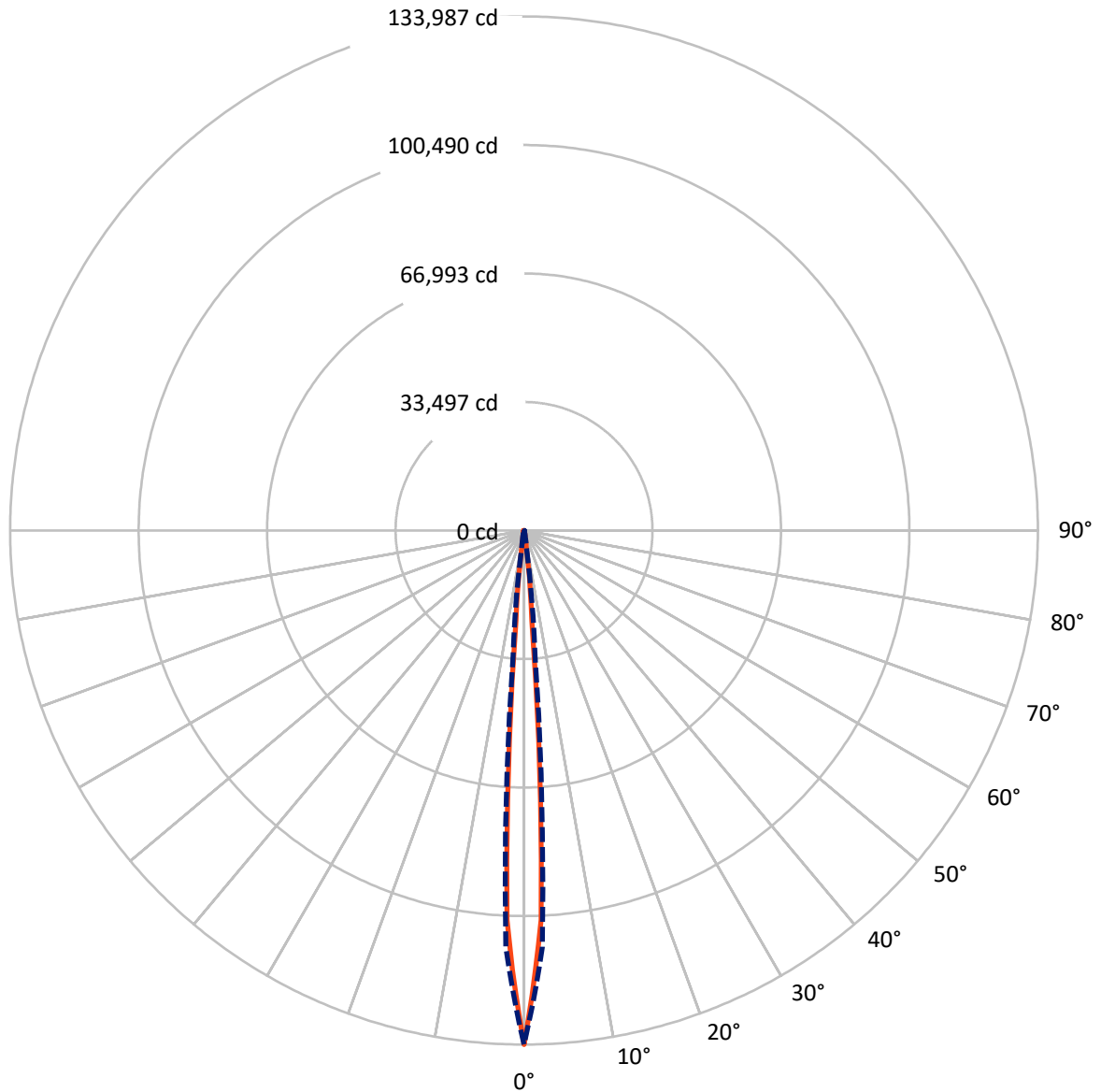
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### Lumen Table

90	0.0	0.1	0.3	0.8	1.4	0.8	0.3	0.1	0.0										
80	0.0	0.1	0.3	0.8	1.4	0.8	0.3	0.1	0.0										
70	0.1	0.1	0.2	0.4	0.6	0.8	1.3	2.5	2.5	1.3	0.8	0.6	0.4	0.2	0.1	0.1			
60		0.1	0.4	0.7	1.1	1.5	2.0	2.9	2.9	2.0	1.5	1.1	0.7	0.4	0.1				
50	0.2	0.3	0.6	1.1	1.9	2.8	3.6	4.6	4.6	3.6	2.8	1.9	1.1	0.6	0.3	0.2			
40		0.4	0.8	1.6	2.9	3.9	4.4	4.7	4.7	4.4	3.9	2.9	1.6	0.8	0.4				
30	0.4	0.6	1.0	2.2	3.5	4.0	5.3	7.6	7.6	5.3	4.0	3.5	2.2	1.0	0.6	0.4			
20		0.8	1.4	2.9	3.9	5.2	11.3	21.5	21.5	11.3	5.2	3.9	2.9	1.4	0.8				
10	0.4	1.0	1.8	3.3	4.1	7.2	22.4	621.7	621.7	22.4	7.2	4.1	3.3	1.8	1.0	0.4			
0		1.0	1.8	3.3	4.1	7.2	22.4	621.7	621.7	22.4	7.2	4.1	3.3	1.8	1.0				
-10	0.4	0.8	1.4	2.9	3.9	5.2	11.3	21.5	21.5	11.3	5.2	3.9	2.9	1.4	0.8	0.4			
-20		0.6	1.0	2.2	3.5	4.0	5.3	7.6	7.6	5.3	4.0	3.5	2.2	1.0	0.6				
-30	0.2	0.4	0.8	1.6	2.9	3.9	4.4	4.7	4.7	4.4	3.9	2.9	1.6	0.8	0.4	0.2			
-40		0.3	0.6	1.1	1.9	2.8	3.6	4.6	4.6	3.6	2.8	1.9	1.1	0.6	0.3				
-50	0.1	0.1	0.4	0.7	1.1	1.5	2.0	2.9	2.9	2.0	1.5	1.1	0.7	0.4	0.1	0.1			
-60		0.1	0.2	0.4	0.6	0.8	1.3	2.5	2.5	1.3	0.8	0.6	0.4	0.2	0.1				
-70	0.0	0.1	0.3	0.8	1.4	0.8	0.3	0.1	0.0							0.0			
-80		0.1	0.3	0.8	1.4	0.8	0.3	0.1	0.0										
-90	0.0	0.1	0.3	0.8	1.4	0.8	0.3	0.1	0.0							0.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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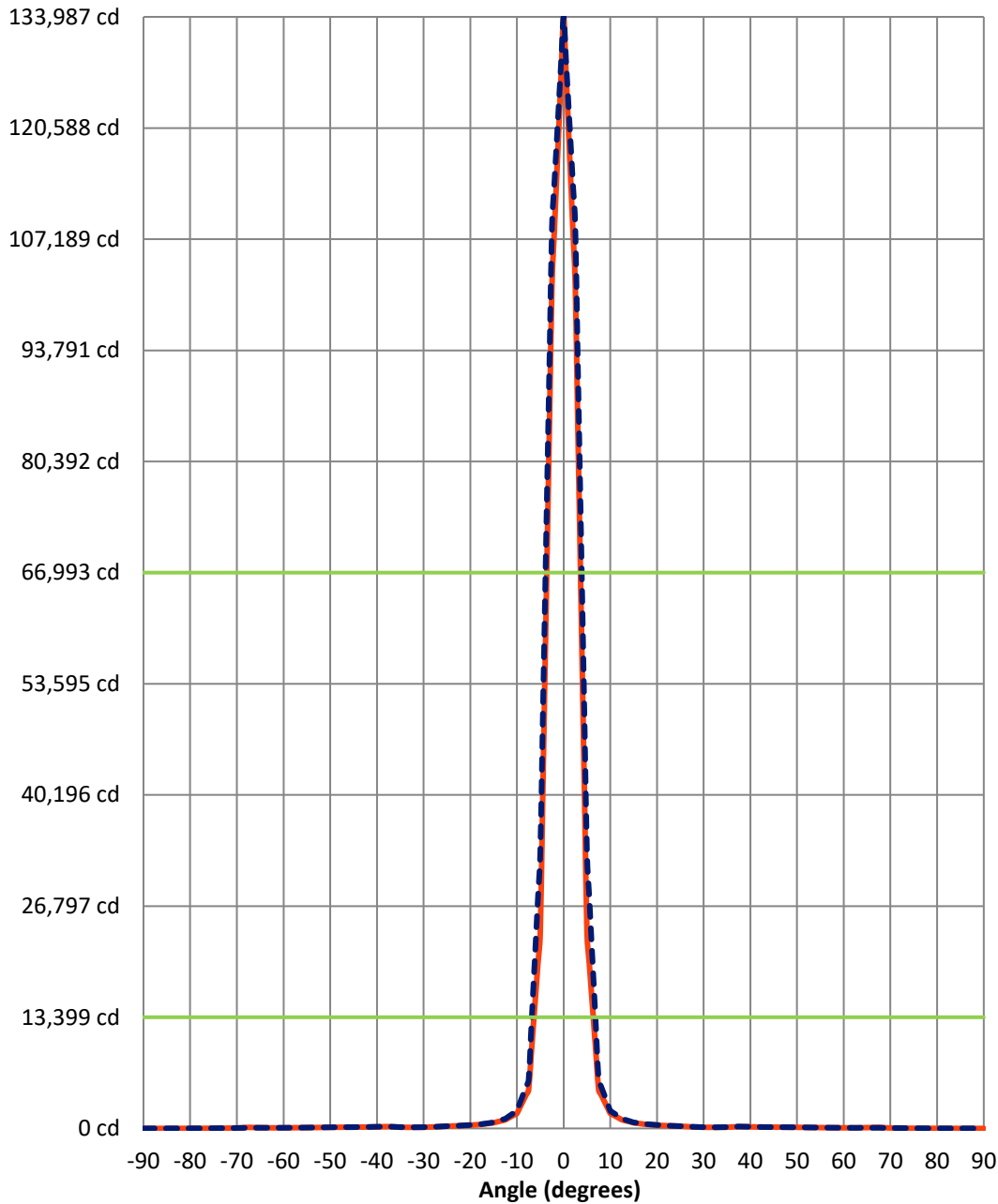
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 7.8°  
V Angle: 7.2°  
Lumens: 807.8  
Efficiency: 25.8%

**Field:**  
H Angle: 13.6°  
V Angle: 12.7°  
Lumens: 2088.7  
Efficiency: 66.6%

**Spill:**  
Lumens: 1045.4  
Efficiency: 33.4%

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



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FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.6	1.6
80°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.6	1.6	1.6	1.6
77.5°	0.0	0.3	0.7	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6
75°	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6	1.7	1.7
72.5°	0.0	0.5	1.0	1.4	1.6	1.6	1.6	1.7	2.0	2.0	1.8
70°	0.0	0.5	1.1	1.6	1.6	1.6	1.7	2.1	2.3	2.3	2.8
67.5°	0.0	0.6	1.2	1.6	1.6	1.6	2.1	2.6	2.7	3.3	4.1
65°	0.0	0.7	1.4	1.6	1.6	1.8	2.5	3.0	3.4	4.2	5.2
62.5°	0.0	0.7	1.5	1.6	1.6	2.1	2.9	3.5	4.1	5.1	6.1
60°	0.0	0.8	1.6	1.6	1.6	2.4	3.3	4.0	4.8	6.3	7.2
57.5°	0.0	0.9	1.6	1.6	1.8	2.7	3.7	4.5	5.9	7.5	8.6
55°	0.0	0.9	1.6	1.6	2.1	3.0	4.1	4.9	7.2	8.9	10.3
52.5°	0.0	1.0	1.6	1.6	2.3	3.4	4.6	6.2	8.6	10.5	12.0
50°	0.0	1.0	1.6	1.6	2.6	3.8	5.1	7.6	10.0	12.1	14.5
47.5°	0.0	1.1	1.6	1.6	2.8	4.2	5.7	9.0	11.5	13.7	17.1
45°	0.0	1.1	1.6	1.8	3.0	4.6	7.0	10.5	13.1	16.2	19.9
42.5°	0.0	1.2	1.6	2.0	3.2	5.1	8.2	12.0	14.8	18.8	23.4
40°	0.0	1.2	1.6	2.1	3.5	5.5	9.5	13.5	16.9	21.5	27.3
37.5°	0.0	1.3	1.6	2.2	3.8	5.9	10.8	15.1	19.4	24.7	31.4
35°	0.0	1.3	1.6	2.4	4.1	6.8	12.1	16.7	22.0	28.6	34.8
32.5°	0.0	1.3	1.6	2.5	4.5	7.8	13.4	18.3	24.6	32.5	37.9
30°	0.0	1.4	1.6	2.6	4.8	8.8	14.7	20.0	27.2	36.4	42.1
27.5°	0.0	1.4	1.6	2.7	5.0	9.8	16.0	22.2	30.1	40.4	47.4
25°	0.0	1.5	1.6	2.8	5.1	10.7	17.3	24.2	33.3	44.5	53.5
22.5°	0.0	1.5	1.6	2.9	5.3	11.4	18.5	26.3	36.5	49.3	58.0
20°	0.0	1.5	1.6	3.0	5.3	11.7	19.7	28.2	39.6	54.5	62.5
17.5°	0.0	1.5	1.6	3.1	5.4	11.8	20.4	30.1	42.6	60.1	66.9
15°	0.0	1.5	1.6	3.1	5.4	11.8	20.7	31.5	45.5	65.9	71.3
12.5°	0.0	1.6	1.6	3.2	5.4	11.7	21.0	32.4	47.5	71.9	75.7
10°	0.0	1.6	1.6	3.2	5.3	11.5	21.2	33.1	48.6	74.3	78.5
7.5°	0.0	1.6	1.6	3.3	5.3	11.2	21.4	33.6	49.5	75.7	78.1
5°	0.0	1.6	1.6	3.3	5.2	10.8	21.5	34.1	50.2	76.6	77.7
2.5°	0.0	1.6	1.6	3.3	5.0	10.3	21.4	34.3	50.6	77.0	77.3
0°	0.0	1.6	1.6	3.3	4.9	9.8	21.3	34.4	50.7	76.9	76.9
-2.5°	0.0	1.6	1.6	3.3	5.0	10.3	21.4	34.3	50.6	77.0	77.3
-5°	0.0	1.6	1.6	3.3	5.2	10.8	21.5	34.1	50.2	76.6	77.7
-7.5°	0.0	1.6	1.6	3.3	5.3	11.2	21.4	33.6	49.5	75.7	78.1
-10°	0.0	1.6	1.6	3.2	5.3	11.5	21.2	33.1	48.6	74.3	78.5
-12.5°	0.0	1.6	1.6	3.2	5.4	11.7	21.0	32.4	47.5	71.9	75.7
-15°	0.0	1.5	1.6	3.1	5.4	11.8	20.7	31.5	45.5	65.9	71.3
-17.5°	0.0	1.5	1.6	3.1	5.4	11.8	20.4	30.1	42.6	60.1	66.9
-20°	0.0	1.5	1.6	3.0	5.3	11.7	19.7	28.2	39.6	54.5	62.5



REPORT NUMBER: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.5	1.6	2.9	5.3	11.4	18.5	26.3	36.5	49.3	58.0
-25°	0.0	1.5	1.6	2.8	5.1	10.7	17.3	24.2	33.3	44.5	53.5
-27.5°	0.0	1.4	1.6	2.7	5.0	9.8	16.0	22.2	30.1	40.4	47.4
-30°	0.0	1.4	1.6	2.6	4.8	8.8	14.7	20.0	27.2	36.4	42.1
-32.5°	0.0	1.3	1.6	2.5	4.5	7.8	13.4	18.3	24.6	32.5	37.9
-35°	0.0	1.3	1.6	2.4	4.1	6.8	12.1	16.7	22.0	28.6	34.8
-37.5°	0.0	1.3	1.6	2.2	3.8	5.9	10.8	15.1	19.4	24.7	31.4
-40°	0.0	1.2	1.6	2.1	3.5	5.5	9.5	13.5	16.9	21.5	27.3
-42.5°	0.0	1.2	1.6	2.0	3.2	5.1	8.2	12.0	14.8	18.8	23.4
-45°	0.0	1.1	1.6	1.8	3.0	4.6	7.0	10.5	13.1	16.2	19.9
-47.5°	0.0	1.1	1.6	1.6	2.8	4.2	5.7	9.0	11.5	13.7	17.1
-50°	0.0	1.0	1.6	1.6	2.6	3.8	5.1	7.6	10.0	12.1	14.5
-52.5°	0.0	1.0	1.6	1.6	2.3	3.4	4.6	6.2	8.6	10.5	12.0
-55°	0.0	0.9	1.6	1.6	2.1	3.0	4.1	4.9	7.2	8.9	10.3
-57.5°	0.0	0.9	1.6	1.6	1.8	2.7	3.7	4.5	5.9	7.5	8.6
-60°	0.0	0.8	1.6	1.6	1.6	2.4	3.3	4.0	4.8	6.3	7.2
-62.5°	0.0	0.7	1.5	1.6	1.6	2.1	2.9	3.5	4.1	5.1	6.1
-65°	0.0	0.7	1.4	1.6	1.6	1.8	2.5	3.0	3.4	4.2	5.2
-67.5°	0.0	0.6	1.2	1.6	1.6	1.6	2.1	2.6	2.7	3.3	4.1
-70°	0.0	0.5	1.1	1.6	1.6	1.6	1.7	2.1	2.3	2.3	2.8
-72.5°	0.0	0.5	1.0	1.4	1.6	1.6	1.6	1.7	2.0	2.0	1.8
-75°	0.0	0.4	0.8	1.2	1.6	1.6	1.6	1.6	1.6	1.7	1.7
-77.5°	0.0	0.3	0.7	1.0	1.4	1.6	1.6	1.6	1.6	1.6	1.6
-80°	0.0	0.3	0.6	0.8	1.1	1.4	1.6	1.6	1.6	1.6	1.6
-82.5°	0.0	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.6	1.6
-85°	0.0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.1	1.2	1.4
-87.5°	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7
-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):**

	-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	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.1	0.8	0.5	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0
82.5°	1.4	1.2	1.1	1.2	1.0	0.8	0.5	0.2	0.3	0.5	0.6
80°	1.5	1.6	1.6	1.6	1.4	1.3	1.3	1.3	1.5	1.7	2.1
77.5°	1.6	1.6	1.6	1.6	1.7	2.1	2.4	2.5	2.9	3.6	4.3
75°	1.6	1.6	2.3	3.0	3.5	3.8	4.0	4.2	4.8	5.8	6.8
72.5°	2.2	3.1	4.0	4.8	5.7	6.3	6.6	6.6	7.7	9.4	10.8
70°	3.7	4.7	5.7	7.2	8.6	9.1	10.0	11.5	13.3	14.6	15.5
67.5°	5.0	6.0	7.4	9.3	11.0	12.1	13.9	16.0	18.3	19.3	19.8
65°	5.7	7.1	9.0	11.0	12.9	14.7	16.9	19.7	21.6	21.9	22.4
62.5°	6.4	8.3	10.4	12.6	14.7	16.9	19.6	21.7	22.8	24.5	27.0
60°	7.9	9.6	12.1	14.5	16.7	19.9	22.4	24.7	26.4	28.3	32.5
57.5°	9.5	11.2	14.0	16.7	20.0	23.6	26.7	29.0	31.8	35.0	38.6
55°	11.5	13.1	16.1	19.4	23.3	28.0	31.5	34.8	38.2	39.9	42.3
52.5°	14.1	15.5	18.3	22.2	27.0	32.1	36.7	39.9	42.1	43.9	46.5
50°	16.8	18.5	20.5	25.3	30.5	35.9	41.2	43.9	46.3	48.7	51.7
47.5°	20.0	21.8	23.1	28.2	33.6	39.1	44.3	48.1	50.8	54.6	58.8
45°	23.6	25.3	26.6	30.7	36.3	41.8	47.2	52.3	56.4	61.1	66.8
42.5°	27.6	28.6	30.2	33.0	38.7	44.3	49.9	56.4	62.3	68.6	76.2
40°	30.5	31.6	33.4	36.0	40.9	46.7	53.3	60.5	69.2	77.7	87.1
37.5°	33.1	34.3	36.3	39.2	42.9	49.3	56.4	65.6	76.3	87.8	100.7
35°	35.4	36.8	39.0	42.2	46.2	52.1	60.9	71.2	84.2	99.7	111.5
32.5°	37.6	39.0	41.3	45.2	50.0	55.9	65.1	78.1	93.7	109.6	117.5
30°	40.7	41.0	43.5	48.0	53.7	61.6	71.1	85.2	103.7	114.6	122.0
27.5°	45.6	42.9	46.0	51.2	57.7	67.4	79.0	94.3	109.9	119.4	125.6
25°	50.4	47.7	48.4	54.3	62.9	74.1	87.3	105.2	115.2	122.2	129.4
22.5°	55.1	52.1	53.9	57.3	68.1	80.7	96.8	113.1	122.9	125.8	134.1
20°	59.4	57.3	59.8	64.3	73.9	86.9	105.6	121.0	130.5	135.4	140.5
17.5°	63.6	62.4	65.9	72.2	82.4	95.0	113.6	129.4	139.5	143.6	150.1
15°	67.6	67.4	71.9	79.7	90.6	105.1	122.4	137.1	148.0	151.3	160.4
12.5°	71.5	72.3	77.9	86.6	98.2	114.5	130.7	143.5	152.5	159.9	169.8
10°	75.4	77.1	83.8	93.2	105.4	123.1	137.7	148.4	156.1	167.0	176.8
7.5°	75.6	79.5	88.7	99.3	112.1	130.9	143.7	152.2	160.0	173.8	183.9
5°	75.4	79.3	88.9	100.8	115.6	135.5	147.8	154.9	163.9	180.1	190.9
2.5°	75.3	79.0	88.8	101.3	117.0	135.2	147.0	154.5	165.8	189.3	204.6
0°	75.3	78.6	88.4	101.5	117.9	134.2	145.7	153.9	167.0	199.7	224.3
-2.5°	75.3	79.0	88.8	101.3	117.0	135.2	147.0	154.5	165.8	189.3	204.6
-5°	75.4	79.3	88.9	100.8	115.6	135.5	147.8	154.9	163.9	180.1	190.9
-7.5°	75.6	79.5	88.7	99.3	112.1	130.9	143.7	152.2	160.0	173.8	183.9
-10°	75.4	77.1	83.8	93.2	105.4	123.1	137.7	148.4	156.1	167.0	176.8
-12.5°	71.5	72.3	77.9	86.6	98.2	114.5	130.7	143.5	152.5	159.9	169.8
-15°	67.6	67.4	71.9	79.7	90.6	105.1	122.4	137.1	148.0	151.3	160.4
-17.5°	63.6	62.4	65.9	72.2	82.4	95.0	113.6	129.4	139.5	143.6	150.1
-20°	59.4	57.3	59.8	64.3	73.9	86.9	105.6	121.0	130.5	135.4	140.5



REPORT NUMBER: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	55.1	52.1	53.9	57.3	68.1	80.7	96.8	113.1	122.9	125.8	134.1
-25°	50.4	47.7	48.4	54.3	62.9	74.1	87.3	105.2	115.2	122.2	129.4
-27.5°	45.6	42.9	46.0	51.2	57.7	67.4	79.0	94.3	109.9	119.4	125.6
-30°	40.7	41.0	43.5	48.0	53.7	61.6	71.1	85.2	103.7	114.6	122.0
-32.5°	37.6	39.0	41.3	45.2	50.0	55.9	65.1	78.1	93.7	109.6	117.5
-35°	35.4	36.8	39.0	42.2	46.2	52.1	60.9	71.2	84.2	99.7	111.5
-37.5°	33.1	34.3	36.3	39.2	42.9	49.3	56.4	65.6	76.3	87.8	100.7
-40°	30.5	31.6	33.4	36.0	40.9	46.7	53.3	60.5	69.2	77.7	87.1
-42.5°	27.6	28.6	30.2	33.0	38.7	44.3	49.9	56.4	62.3	68.6	76.2
-45°	23.6	25.3	26.6	30.7	36.3	41.8	47.2	52.3	56.4	61.1	66.8
-47.5°	20.0	21.8	23.1	28.2	33.6	39.1	44.3	48.1	50.8	54.6	58.8
-50°	16.8	18.5	20.5	25.3	30.5	35.9	41.2	43.9	46.3	48.7	51.7
-52.5°	14.1	15.5	18.3	22.2	27.0	32.1	36.7	39.9	42.1	43.9	46.5
-55°	11.5	13.1	16.1	19.4	23.3	28.0	31.5	34.8	38.2	39.9	42.3
-57.5°	9.5	11.2	14.0	16.7	20.0	23.6	26.7	29.0	31.8	35.0	38.6
-60°	7.9	9.6	12.1	14.5	16.7	19.9	22.4	24.7	26.4	28.3	32.5
-62.5°	6.4	8.3	10.4	12.6	14.7	16.9	19.6	21.7	22.8	24.5	27.0
-65°	5.7	7.1	9.0	11.0	12.9	14.7	16.9	19.7	21.6	21.9	22.4
-67.5°	5.0	6.0	7.4	9.3	11.0	12.1	13.9	16.0	18.3	19.3	19.8
-70°	3.7	4.7	5.7	7.2	8.6	9.1	10.0	11.5	13.3	14.6	15.5
-72.5°	2.2	3.1	4.0	4.8	5.7	6.3	6.6	6.6	7.7	9.4	10.8
-75°	1.6	1.6	2.3	3.0	3.5	3.8	4.0	4.2	4.8	5.8	6.8
-77.5°	1.6	1.6	1.6	1.6	1.7	2.1	2.4	2.5	2.9	3.6	4.3
-80°	1.5	1.6	1.6	1.6	1.4	1.3	1.3	1.3	1.5	1.7	2.1
-82.5°	1.4	1.2	1.1	1.2	1.0	0.8	0.5	0.2	0.3	0.5	0.6
-85°	1.1	0.8	0.5	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0
-87.5°	0.6	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.7	0.8	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5
80°	2.5	2.7	2.8	2.8	2.7	3.0	3.5	3.9	4.4	4.6	4.7
77.5°	5.1	5.3	5.2	5.2	5.1	5.8	6.8	7.8	8.8	9.5	10.2
75°	7.7	8.1	8.3	8.2	8.1	9.2	10.9	12.8	14.7	15.8	16.5
72.5°	11.7	12.1	12.0	11.9	11.7	13.7	17.6	21.9	26.5	28.6	29.6
70°	16.0	16.3	16.3	16.3	16.3	18.9	25.3	32.2	39.5	44.5	48.3
67.5°	20.0	20.5	20.6	20.7	21.0	23.4	29.9	35.5	40.3	52.7	74.0
65°	23.8	26.3	27.4	27.8	27.7	28.0	32.4	36.1	39.3	48.3	63.0
62.5°	30.2	33.5	34.3	34.1	33.8	33.4	36.5	39.3	41.7	46.5	55.5
60°	36.1	38.9	40.2	40.1	40.0	39.7	41.7	44.3	46.7	50.5	59.1
57.5°	41.1	43.8	46.0	46.2	46.2	45.9	47.7	50.7	53.6	56.9	66.4
55°	45.4	48.6	51.8	52.6	53.2	53.6	55.0	59.2	63.1	67.0	77.2
52.5°	50.0	54.3	58.1	60.3	62.1	63.6	65.2	71.0	76.7	82.1	91.9
50°	56.6	61.3	66.3	70.4	73.5	76.8	79.8	86.8	95.0	103.1	113.0
47.5°	64.2	69.9	76.5	82.7	87.8	93.8	98.9	106.1	114.0	122.0	129.8
45°	73.0	81.1	89.1	99.0	107.3	110.2	112.7	117.3	125.9	135.3	144.1
42.5°	84.7	95.0	106.0	112.7	117.1	119.8	121.7	123.4	133.8	143.0	150.4
40°	98.8	109.2	115.4	120.5	124.3	127.1	129.4	132.1	139.1	148.6	158.6
37.5°	111.0	117.2	122.4	126.8	130.5	133.2	137.2	141.1	147.0	159.9	169.2
35°	118.0	123.4	128.4	133.4	138.1	142.7	148.5	158.2	166.7	162.8	155.1
32.5°	123.4	128.8	134.7	144.2	151.5	159.1	169.3	155.4	141.8	135.3	134.5
30°	128.2	133.5	143.0	156.8	166.3	162.4	143.5	133.4	130.5	131.3	138.9
27.5°	131.8	138.5	150.4	166.3	158.6	138.0	131.2	128.2	138.1	147.1	161.6
25°	136.6	143.7	161.6	157.2	137.8	131.6	133.7	142.8	161.7	190.9	222.4
22.5°	141.9	156.4	161.1	137.6	131.6	136.1	147.7	176.5	218.3	258.1	286.3
20°	148.8	168.9	146.5	133.7	135.6	149.5	183.9	234.6	274.7	304.5	333.1
17.5°	161.6	159.2	139.8	133.7	147.0	179.7	236.5	282.2	318.5	358.2	395.6
15°	172.0	150.3	137.6	144.0	167.1	222.8	277.6	320.9	371.9	426.3	489.4
12.5°	168.7	145.6	138.8	154.2	195.5	260.8	309.9	366.3	433.0	515.3	620.6
10°	163.8	145.1	147.6	169.5	224.7	287.4	339.6	409.4	502.0	633.3	838.0
7.5°	160.5	143.0	152.3	183.3	247.9	307.2	371.9	457.4	576.2	785.4	1162.8
5°	157.6	140.3	152.7	192.1	264.1	321.3	395.9	494.6	654.3	961.5	1545.2
2.5°	156.3	137.7	151.0	199.7	274.8	328.2	408.2	523.0	714.0	1110.1	1987.2
0°	157.1	135.9	147.3	197.3	271.7	330.7	414.2	530.4	721.9	1172.0	2128.0
-2.5°	156.3	137.7	151.0	199.7	274.8	328.2	408.2	523.0	714.0	1110.1	1987.2
-5°	157.6	140.3	152.7	192.1	264.1	321.3	395.9	494.6	654.3	961.5	1545.2
-7.5°	160.5	143.0	152.3	183.3	247.9	307.2	371.9	457.4	576.2	785.4	1162.8
-10°	163.8	145.1	147.6	169.5	224.7	287.4	339.6	409.4	502.0	633.3	838.0
-12.5°	168.7	145.6	138.8	154.2	195.5	260.8	309.9	366.3	433.0	515.3	620.6
-15°	172.0	150.3	137.6	144.0	167.1	222.8	277.6	320.9	371.9	426.3	489.4
-17.5°	161.6	159.2	139.8	133.7	147.0	179.7	236.5	282.2	318.5	358.2	395.6
-20°	148.8	168.9	146.5	133.7	135.6	149.5	183.9	234.6	274.7	304.5	333.1



REPORT NUMBER: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	141.9	156.4	161.1	137.6	131.6	136.1	147.7	176.5	218.3	258.1	286.3
-25°	136.6	143.7	161.6	157.2	137.8	131.6	133.7	142.8	161.7	190.9	222.4
-27.5°	131.8	138.5	150.4	166.3	158.6	138.0	131.2	128.2	138.1	147.1	161.6
-30°	128.2	133.5	143.0	156.8	166.3	162.4	143.5	133.4	130.5	131.3	138.9
-32.5°	123.4	128.8	134.7	144.2	151.5	159.1	169.3	155.4	141.8	135.3	134.5
-35°	118.0	123.4	128.4	133.4	138.1	142.7	148.5	158.2	166.7	162.8	155.1
-37.5°	111.0	117.2	122.4	126.8	130.5	133.2	137.2	141.1	147.0	159.9	169.2
-40°	98.8	109.2	115.4	120.5	124.3	127.1	129.4	132.1	139.1	148.6	158.6
-42.5°	84.7	95.0	106.0	112.7	117.1	119.8	121.7	123.4	133.8	143.0	150.4
-45°	73.0	81.1	89.1	99.0	107.3	110.2	112.7	117.3	125.9	135.3	144.1
-47.5°	64.2	69.9	76.5	82.7	87.8	93.8	98.9	106.1	114.0	122.0	129.8
-50°	56.6	61.3	66.3	70.4	73.5	76.8	79.8	86.8	95.0	103.1	113.0
-52.5°	50.0	54.3	58.1	60.3	62.1	63.6	65.2	71.0	76.7	82.1	91.9
-55°	45.4	48.6	51.8	52.6	53.2	53.6	55.0	59.2	63.1	67.0	77.2
-57.5°	41.1	43.8	46.0	46.2	46.2	45.9	47.7	50.7	53.6	56.9	66.4
-60°	36.1	38.9	40.2	40.1	40.0	39.7	41.7	44.3	46.7	50.5	59.1
-62.5°	30.2	33.5	34.3	34.1	33.8	33.4	36.5	39.3	41.7	46.5	55.5
-65°	23.8	26.3	27.4	27.8	27.7	28.0	32.4	36.1	39.3	48.3	63.0
-67.5°	20.0	20.5	20.6	20.7	21.0	23.4	29.9	35.5	40.3	52.7	74.0
-70°	16.0	16.3	16.3	16.3	16.3	18.9	25.3	32.2	39.5	44.5	48.3
-72.5°	11.7	12.1	12.0	11.9	11.7	13.7	17.6	21.9	26.5	28.6	29.6
-75°	7.7	8.1	8.3	8.2	8.1	9.2	10.9	12.8	14.7	15.8	16.5
-77.5°	5.1	5.3	5.2	5.2	5.1	5.8	6.8	7.8	8.8	9.5	10.2
-80°	2.5	2.7	2.8	2.8	2.7	3.0	3.5	3.9	4.4	4.6	4.7
-82.5°	0.7	0.8	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5
-85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4
80°	4.8	4.8	4.9	4.9	4.9	4.8	4.8	4.7	4.6	4.4	3.9
77.5°	10.8	11.4	10.6	9.8	10.6	11.4	10.8	10.2	9.5	8.8	7.8
75°	17.2	17.8	17.2	16.4	17.2	17.8	17.2	16.5	15.8	14.7	12.8
72.5°	30.3	30.7	30.2	29.5	30.2	30.7	30.3	29.6	28.6	26.5	21.9
70°	52.3	56.1	54.8	52.4	54.8	56.1	52.3	48.3	44.5	39.5	32.2
67.5°	97.9	123.2	126.4	124.4	126.4	123.2	97.9	74.0	52.7	40.3	35.5
65°	76.4	89.0	94.0	98.2	94.0	89.0	76.4	63.0	48.3	39.3	36.1
62.5°	63.5	71.0	72.2	72.0	72.2	71.0	63.5	55.5	46.5	41.7	39.3
60°	67.7	76.1	76.5	73.7	76.5	76.1	67.7	59.1	50.5	46.7	44.3
57.5°	75.8	85.1	86.9	85.1	86.9	85.1	75.8	66.4	56.9	53.6	50.7
55°	87.5	97.5	100.7	99.9	100.7	97.5	87.5	77.2	67.0	63.1	59.2
52.5°	102.2	111.8	114.8	113.0	114.8	111.8	102.2	91.9	82.1	76.7	71.0
50°	122.8	131.4	134.9	134.2	134.9	131.4	122.8	113.0	103.1	95.0	86.8
47.5°	136.6	142.5	145.5	145.7	145.5	142.5	136.6	129.8	122.0	114.0	106.1
45°	148.7	152.0	153.2	152.2	153.2	152.0	148.7	144.1	135.3	125.9	117.3
42.5°	154.8	159.8	163.0	162.1	163.0	159.8	154.8	150.4	143.0	133.8	123.4
40°	166.4	173.3	180.5	189.9	180.5	173.3	166.4	158.6	148.6	139.1	132.1
37.5°	177.4	186.0	197.4	219.4	197.4	186.0	177.4	169.2	159.9	147.0	141.1
35°	149.7	146.3	144.1	142.4	144.1	146.3	149.7	155.1	162.8	166.7	158.2
32.5°	133.9	131.2	128.2	127.7	128.2	131.2	133.9	134.5	135.3	141.8	155.4
30°	145.4	144.0	140.3	139.1	140.3	144.0	145.4	138.9	131.3	130.5	133.4
27.5°	176.5	184.1	190.7	189.9	190.7	184.1	176.5	161.6	147.1	138.1	128.2
25°	248.1	260.9	267.5	270.1	267.5	260.9	248.1	222.4	190.9	161.7	142.8
22.5°	300.9	310.5	316.9	317.6	316.9	310.5	300.9	286.3	258.1	218.3	176.5
20°	357.9	374.3	383.4	388.0	383.4	374.3	357.9	333.1	304.5	274.7	234.6
17.5°	436.1	467.4	487.1	491.9	487.1	467.4	436.1	395.6	358.2	318.5	282.2
15°	554.8	617.4	659.7	681.0	659.7	617.4	554.8	489.4	426.3	371.9	320.9
12.5°	763.9	909.8	1018.6	1037.0	1018.6	909.8	763.9	620.6	515.3	433.0	366.3
10°	1127.8	1463.0	1767.5	1810.5	1767.5	1463.0	1127.8	838.0	633.3	502.0	409.4
7.5°	1789.4	2831.3	4135.7	4653.1	4135.7	2831.3	1789.4	1162.8	785.4	576.2	457.4
5°	2989.3	7608.7	19664.1	23678.6	19664.1	7608.7	2989.3	1545.2	961.5	654.3	494.6
2.5°	4675.5	25181.3	80183.4	101572.6	80183.4	25181.3	4675.5	1987.2	1110.1	714.0	523.0
0°	5848.9	33300.7	108710.5	133986.8	108710.5	33300.7	5848.9	2128.0	1172.0	721.9	530.4
-2.5°	4675.5	25181.3	80183.4	101572.6	80183.4	25181.3	4675.5	1987.2	1110.1	714.0	523.0
-5°	2989.3	7608.7	19664.1	23678.6	19664.1	7608.7	2989.3	1545.2	961.5	654.3	494.6
-7.5°	1789.4	2831.3	4135.7	4653.1	4135.7	2831.3	1789.4	1162.8	785.4	576.2	457.4
-10°	1127.8	1463.0	1767.5	1810.5	1767.5	1463.0	1127.8	838.0	633.3	502.0	409.4
-12.5°	763.9	909.8	1018.6	1037.0	1018.6	909.8	763.9	620.6	515.3	433.0	366.3
-15°	554.8	617.4	659.7	681.0	659.7	617.4	554.8	489.4	426.3	371.9	320.9
-17.5°	436.1	467.4	487.1	491.9	487.1	467.4	436.1	395.6	358.2	318.5	282.2
-20°	357.9	374.3	383.4	388.0	383.4	374.3	357.9	333.1	304.5	274.7	234.6



REPORT NUMBER: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	300.9	310.5	316.9	317.6	316.9	310.5	300.9	286.3	258.1	218.3	176.5
-25°	248.1	260.9	267.5	270.1	267.5	260.9	248.1	222.4	190.9	161.7	142.8
-27.5°	176.5	184.1	190.7	189.9	190.7	184.1	176.5	161.6	147.1	138.1	128.2
-30°	145.4	144.0	140.3	139.1	140.3	144.0	145.4	138.9	131.3	130.5	133.4
-32.5°	133.9	131.2	128.2	127.7	128.2	131.2	133.9	134.5	135.3	141.8	155.4
-35°	149.7	146.3	144.1	142.4	144.1	146.3	149.7	155.1	162.8	166.7	158.2
-37.5°	177.4	186.0	197.4	219.4	197.4	186.0	177.4	169.2	159.9	147.0	141.1
-40°	166.4	173.3	180.5	189.9	180.5	173.3	166.4	158.6	148.6	139.1	132.1
-42.5°	154.8	159.8	163.0	162.1	163.0	159.8	154.8	150.4	143.0	133.8	123.4
-45°	148.7	152.0	153.2	152.2	153.2	152.0	148.7	144.1	135.3	125.9	117.3
-47.5°	136.6	142.5	145.5	145.7	145.5	142.5	136.6	129.8	122.0	114.0	106.1
-50°	122.8	131.4	134.9	134.2	134.9	131.4	122.8	113.0	103.1	95.0	86.8
-52.5°	102.2	111.8	114.8	113.0	114.8	111.8	102.2	91.9	82.1	76.7	71.0
-55°	87.5	97.5	100.7	99.9	100.7	97.5	87.5	77.2	67.0	63.1	59.2
-57.5°	75.8	85.1	86.9	85.1	86.9	85.1	75.8	66.4	56.9	53.6	50.7
-60°	67.7	76.1	76.5	73.7	76.5	76.1	67.7	59.1	50.5	46.7	44.3
-62.5°	63.5	71.0	72.2	72.0	72.2	71.0	63.5	55.5	46.5	41.7	39.3
-65°	76.4	89.0	94.0	98.2	94.0	89.0	76.4	63.0	48.3	39.3	36.1
-67.5°	97.9	123.2	126.4	124.4	126.4	123.2	97.9	74.0	52.7	40.3	35.5
-70°	52.3	56.1	54.8	52.4	54.8	56.1	52.3	48.3	44.5	39.5	32.2
-72.5°	30.3	30.7	30.2	29.5	30.2	30.7	30.3	29.6	28.6	26.5	21.9
-75°	17.2	17.8	17.2	16.4	17.2	17.8	17.2	16.5	15.8	14.7	12.8
-77.5°	10.8	11.4	10.6	9.8	10.6	11.4	10.8	10.2	9.5	8.8	7.8
-80°	4.8	4.8	4.9	4.9	4.9	4.8	4.8	4.7	4.6	4.4	3.9
-82.5°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.4	1.4
-85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.3	1.2	1.1	1.1	1.0	0.8	0.7	0.6	0.5	0.3	0.2
80°	3.5	3.0	2.7	2.8	2.8	2.7	2.5	2.1	1.7	1.5	1.3
77.5°	6.8	5.8	5.1	5.2	5.2	5.3	5.1	4.3	3.6	2.9	2.5
75°	10.9	9.2	8.1	8.2	8.3	8.1	7.7	6.8	5.8	4.8	4.2
72.5°	17.6	13.7	11.7	11.9	12.0	12.1	11.7	10.8	9.4	7.7	6.6
70°	25.3	18.9	16.3	16.3	16.3	16.3	16.0	15.5	14.6	13.3	11.5
67.5°	29.9	23.4	21.0	20.7	20.6	20.5	20.0	19.8	19.3	18.3	16.0
65°	32.4	28.0	27.7	27.8	27.4	26.3	23.8	22.4	21.9	21.6	19.7
62.5°	36.5	33.4	33.8	34.1	34.3	33.5	30.2	27.0	24.5	22.8	21.7
60°	41.7	39.7	40.0	40.1	40.2	38.9	36.1	32.5	28.3	26.4	24.7
57.5°	47.7	45.9	46.2	46.2	46.0	43.8	41.1	38.6	35.0	31.8	29.0
55°	55.0	53.6	53.2	52.6	51.8	48.6	45.4	42.3	39.9	38.2	34.8
52.5°	65.2	63.6	62.1	60.3	58.1	54.3	50.0	46.5	43.9	42.1	39.9
50°	79.8	76.8	73.5	70.4	66.3	61.3	56.6	51.7	48.7	46.3	43.9
47.5°	98.9	93.8	87.8	82.7	76.5	69.9	64.2	58.8	54.6	50.8	48.1
45°	112.7	110.2	107.3	99.0	89.1	81.1	73.0	66.8	61.1	56.4	52.3
42.5°	121.7	119.8	117.1	112.7	106.0	95.0	84.7	76.2	68.6	62.3	56.4
40°	129.4	127.1	124.3	120.5	115.4	109.2	98.8	87.1	77.7	69.2	60.5
37.5°	137.2	133.2	130.5	126.8	122.4	117.2	111.0	100.7	87.8	76.3	65.6
35°	148.5	142.7	138.1	133.4	128.4	123.4	118.0	111.5	99.7	84.2	71.2
32.5°	169.3	159.1	151.5	144.2	134.7	128.8	123.4	117.5	109.6	93.7	78.1
30°	143.5	162.4	166.3	156.8	143.0	133.5	128.2	122.0	114.6	103.7	85.2
27.5°	131.2	138.0	158.6	166.3	150.4	138.5	131.8	125.6	119.4	109.9	94.3
25°	133.7	131.6	137.8	157.2	161.6	143.7	136.6	129.4	122.2	115.2	105.2
22.5°	147.7	136.1	131.6	137.6	161.1	156.4	141.9	134.1	125.8	122.9	113.1
20°	183.9	149.5	135.6	133.7	146.5	168.9	148.8	140.5	135.4	130.5	121.0
17.5°	236.5	179.7	147.0	133.7	139.8	159.2	161.6	150.1	143.6	139.5	129.4
15°	277.6	222.8	167.1	144.0	137.6	150.3	172.0	160.4	151.3	148.0	137.1
12.5°	309.9	260.8	195.5	154.2	138.8	145.6	168.7	169.8	159.9	152.5	143.5
10°	339.6	287.4	224.7	169.5	147.6	145.1	163.8	176.8	167.0	156.1	148.4
7.5°	371.9	307.2	247.9	183.3	152.3	143.0	160.5	183.9	173.8	160.0	152.2
5°	395.9	321.3	264.1	192.1	152.7	140.3	157.6	190.9	180.1	163.9	154.9
2.5°	408.2	328.2	274.8	199.7	151.0	137.7	156.3	204.6	189.3	165.8	154.5
0°	414.2	330.7	271.7	197.3	147.3	135.9	157.1	224.3	199.7	167.0	153.9
-2.5°	408.2	328.2	274.8	199.7	151.0	137.7	156.3	204.6	189.3	165.8	154.5
-5°	395.9	321.3	264.1	192.1	152.7	140.3	157.6	190.9	180.1	163.9	154.9
-7.5°	371.9	307.2	247.9	183.3	152.3	143.0	160.5	183.9	173.8	160.0	152.2
-10°	339.6	287.4	224.7	169.5	147.6	145.1	163.8	176.8	167.0	156.1	148.4
-12.5°	309.9	260.8	195.5	154.2	138.8	145.6	168.7	169.8	159.9	152.5	143.5
-15°	277.6	222.8	167.1	144.0	137.6	150.3	172.0	160.4	151.3	148.0	137.1
-17.5°	236.5	179.7	147.0	133.7	139.8	159.2	161.6	150.1	143.6	139.5	129.4
-20°	183.9	149.5	135.6	133.7	146.5	168.9	148.8	140.5	135.4	130.5	121.0



REPORT NUMBER: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	147.7	136.1	131.6	137.6	161.1	156.4	141.9	134.1	125.8	122.9	113.1
-25°	133.7	131.6	137.8	157.2	161.6	143.7	136.6	129.4	122.2	115.2	105.2
-27.5°	131.2	138.0	158.6	166.3	150.4	138.5	131.8	125.6	119.4	109.9	94.3
-30°	143.5	162.4	166.3	156.8	143.0	133.5	128.2	122.0	114.6	103.7	85.2
-32.5°	169.3	159.1	151.5	144.2	134.7	128.8	123.4	117.5	109.6	93.7	78.1
-35°	148.5	142.7	138.1	133.4	128.4	123.4	118.0	111.5	99.7	84.2	71.2
-37.5°	137.2	133.2	130.5	126.8	122.4	117.2	111.0	100.7	87.8	76.3	65.6
-40°	129.4	127.1	124.3	120.5	115.4	109.2	98.8	87.1	77.7	69.2	60.5
-42.5°	121.7	119.8	117.1	112.7	106.0	95.0	84.7	76.2	68.6	62.3	56.4
-45°	112.7	110.2	107.3	99.0	89.1	81.1	73.0	66.8	61.1	56.4	52.3
-47.5°	98.9	93.8	87.8	82.7	76.5	69.9	64.2	58.8	54.6	50.8	48.1
-50°	79.8	76.8	73.5	70.4	66.3	61.3	56.6	51.7	48.7	46.3	43.9
-52.5°	65.2	63.6	62.1	60.3	58.1	54.3	50.0	46.5	43.9	42.1	39.9
-55°	55.0	53.6	53.2	52.6	51.8	48.6	45.4	42.3	39.9	38.2	34.8
-57.5°	47.7	45.9	46.2	46.2	46.0	43.8	41.1	38.6	35.0	31.8	29.0
-60°	41.7	39.7	40.0	40.1	40.2	38.9	36.1	32.5	28.3	26.4	24.7
-62.5°	36.5	33.4	33.8	34.1	34.3	33.5	30.2	27.0	24.5	22.8	21.7
-65°	32.4	28.0	27.7	27.8	27.4	26.3	23.8	22.4	21.9	21.6	19.7
-67.5°	29.9	23.4	21.0	20.7	20.6	20.5	20.0	19.8	19.3	18.3	16.0
-70°	25.3	18.9	16.3	16.3	16.3	16.3	16.0	15.5	14.6	13.3	11.5
-72.5°	17.6	13.7	11.7	11.9	12.0	12.1	11.7	10.8	9.4	7.7	6.6
-75°	10.9	9.2	8.1	8.2	8.3	8.1	7.7	6.8	5.8	4.8	4.2
-77.5°	6.8	5.8	5.1	5.2	5.2	5.3	5.1	4.3	3.6	2.9	2.5
-80°	3.5	3.0	2.7	2.8	2.8	2.7	2.5	2.1	1.7	1.5	1.3
-82.5°	1.3	1.2	1.1	1.1	1.0	0.8	0.7	0.6	0.5	0.3	0.2
-85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-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: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**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°	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.6	0.5	0.5
85°	0.1	0.2	0.3	0.2	0.5	0.8	1.1	1.4	1.2	1.1	1.0
82.5°	0.5	0.8	1.0	1.2	1.1	1.2	1.4	1.6	1.6	1.6	1.4
80°	1.3	1.3	1.4	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6
77.5°	2.4	2.1	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
75°	4.0	3.8	3.5	3.0	2.3	1.6	1.6	1.7	1.7	1.6	1.6
72.5°	6.6	6.3	5.7	4.8	4.0	3.1	2.2	1.8	2.0	2.0	1.7
70°	10.0	9.1	8.6	7.2	5.7	4.7	3.7	2.8	2.3	2.3	2.1
67.5°	13.9	12.1	11.0	9.3	7.4	6.0	5.0	4.1	3.3	2.7	2.6
65°	16.9	14.7	12.9	11.0	9.0	7.1	5.7	5.2	4.2	3.4	3.0
62.5°	19.6	16.9	14.7	12.6	10.4	8.3	6.4	6.1	5.1	4.1	3.5
60°	22.4	19.9	16.7	14.5	12.1	9.6	7.9	7.2	6.3	4.8	4.0
57.5°	26.7	23.6	20.0	16.7	14.0	11.2	9.5	8.6	7.5	5.9	4.5
55°	31.5	28.0	23.3	19.4	16.1	13.1	11.5	10.3	8.9	7.2	4.9
52.5°	36.7	32.1	27.0	22.2	18.3	15.5	14.1	12.0	10.5	8.6	6.2
50°	41.2	35.9	30.5	25.3	20.5	18.5	16.8	14.5	12.1	10.0	7.6
47.5°	44.3	39.1	33.6	28.2	23.1	21.8	20.0	17.1	13.7	11.5	9.0
45°	47.2	41.8	36.3	30.7	26.6	25.3	23.6	19.9	16.2	13.1	10.5
42.5°	49.9	44.3	38.7	33.0	30.2	28.6	27.6	23.4	18.8	14.8	12.0
40°	53.3	46.7	40.9	36.0	33.4	31.6	30.5	27.3	21.5	16.9	13.5
37.5°	56.4	49.3	42.9	39.2	36.3	34.3	33.1	31.4	24.7	19.4	15.1
35°	60.9	52.1	46.2	42.2	39.0	36.8	35.4	34.8	28.6	22.0	16.7
32.5°	65.1	55.9	50.0	45.2	41.3	39.0	37.6	37.9	32.5	24.6	18.3
30°	71.1	61.6	53.7	48.0	43.5	41.0	40.7	42.1	36.4	27.2	20.0
27.5°	79.0	67.4	57.7	51.2	46.0	42.9	45.6	47.4	40.4	30.1	22.2
25°	87.3	74.1	62.9	54.3	48.4	47.7	50.4	53.5	44.5	33.3	24.2
22.5°	96.8	80.7	68.1	57.3	53.9	52.1	55.1	58.0	49.3	36.5	26.3
20°	105.6	86.9	73.9	64.3	59.8	57.3	59.4	62.5	54.5	39.6	28.2
17.5°	113.6	95.0	82.4	72.2	65.9	62.4	63.6	66.9	60.1	42.6	30.1
15°	122.4	105.1	90.6	79.7	71.9	67.4	67.6	71.3	65.9	45.5	31.5
12.5°	130.7	114.5	98.2	86.6	77.9	72.3	71.5	75.7	71.9	47.5	32.4
10°	137.7	123.1	105.4	93.2	83.8	77.1	75.4	78.5	74.3	48.6	33.1
7.5°	143.7	130.9	112.1	99.3	88.7	79.5	75.6	78.1	75.7	49.5	33.6
5°	147.8	135.5	115.6	100.8	88.9	79.3	75.4	77.7	76.6	50.2	34.1
2.5°	147.0	135.2	117.0	101.3	88.8	79.0	75.3	77.3	77.0	50.6	34.3
0°	145.7	134.2	117.9	101.5	88.4	78.6	75.3	76.9	76.9	50.7	34.4
-2.5°	147.0	135.2	117.0	101.3	88.8	79.0	75.3	77.3	77.0	50.6	34.3
-5°	147.8	135.5	115.6	100.8	88.9	79.3	75.4	77.7	76.6	50.2	34.1
-7.5°	143.7	130.9	112.1	99.3	88.7	79.5	75.6	78.1	75.7	49.5	33.6
-10°	137.7	123.1	105.4	93.2	83.8	77.1	75.4	78.5	74.3	48.6	33.1
-12.5°	130.7	114.5	98.2	86.6	77.9	72.3	71.5	75.7	71.9	47.5	32.4
-15°	122.4	105.1	90.6	79.7	71.9	67.4	67.6	71.3	65.9	45.5	31.5
-17.5°	113.6	95.0	82.4	72.2	65.9	62.4	63.6	66.9	60.1	42.6	30.1
-20°	105.6	86.9	73.9	64.3	59.8	57.3	59.4	62.5	54.5	39.6	28.2



REPORT NUMBER: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	96.8	80.7	68.1	57.3	53.9	52.1	55.1	58.0	49.3	36.5	26.3
-25°	87.3	74.1	62.9	54.3	48.4	47.7	50.4	53.5	44.5	33.3	24.2
-27.5°	79.0	67.4	57.7	51.2	46.0	42.9	45.6	47.4	40.4	30.1	22.2
-30°	71.1	61.6	53.7	48.0	43.5	41.0	40.7	42.1	36.4	27.2	20.0
-32.5°	65.1	55.9	50.0	45.2	41.3	39.0	37.6	37.9	32.5	24.6	18.3
-35°	60.9	52.1	46.2	42.2	39.0	36.8	35.4	34.8	28.6	22.0	16.7
-37.5°	56.4	49.3	42.9	39.2	36.3	34.3	33.1	31.4	24.7	19.4	15.1
-40°	53.3	46.7	40.9	36.0	33.4	31.6	30.5	27.3	21.5	16.9	13.5
-42.5°	49.9	44.3	38.7	33.0	30.2	28.6	27.6	23.4	18.8	14.8	12.0
-45°	47.2	41.8	36.3	30.7	26.6	25.3	23.6	19.9	16.2	13.1	10.5
-47.5°	44.3	39.1	33.6	28.2	23.1	21.8	20.0	17.1	13.7	11.5	9.0
-50°	41.2	35.9	30.5	25.3	20.5	18.5	16.8	14.5	12.1	10.0	7.6
-52.5°	36.7	32.1	27.0	22.2	18.3	15.5	14.1	12.0	10.5	8.6	6.2
-55°	31.5	28.0	23.3	19.4	16.1	13.1	11.5	10.3	8.9	7.2	4.9
-57.5°	26.7	23.6	20.0	16.7	14.0	11.2	9.5	8.6	7.5	5.9	4.5
-60°	22.4	19.9	16.7	14.5	12.1	9.6	7.9	7.2	6.3	4.8	4.0
-62.5°	19.6	16.9	14.7	12.6	10.4	8.3	6.4	6.1	5.1	4.1	3.5
-65°	16.9	14.7	12.9	11.0	9.0	7.1	5.7	5.2	4.2	3.4	3.0
-67.5°	13.9	12.1	11.0	9.3	7.4	6.0	5.0	4.1	3.3	2.7	2.6
-70°	10.0	9.1	8.6	7.2	5.7	4.7	3.7	2.8	2.3	2.3	2.1
-72.5°	6.6	6.3	5.7	4.8	4.0	3.1	2.2	1.8	2.0	2.0	1.7
-75°	4.0	3.8	3.5	3.0	2.3	1.6	1.6	1.7	1.7	1.6	1.6
-77.5°	2.4	2.1	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
-80°	1.3	1.3	1.4	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6
-82.5°	0.5	0.8	1.0	1.2	1.1	1.2	1.4	1.6	1.6	1.6	1.4
-85°	0.1	0.2	0.3	0.2	0.5	0.8	1.1	1.4	1.2	1.1	1.0
-87.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.6	0.7	0.6	0.5	0.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
80°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
77.5°	1.6	1.6	1.4	1.0	0.7	0.3	0.0
75°	1.6	1.6	1.6	1.2	0.8	0.4	0.0
72.5°	1.6	1.6	1.6	1.4	1.0	0.5	0.0
70°	1.7	1.6	1.6	1.6	1.1	0.5	0.0
67.5°	2.1	1.6	1.6	1.6	1.2	0.6	0.0
65°	2.5	1.8	1.6	1.6	1.4	0.7	0.0
62.5°	2.9	2.1	1.6	1.6	1.5	0.7	0.0
60°	3.3	2.4	1.6	1.6	1.6	0.8	0.0
57.5°	3.7	2.7	1.8	1.6	1.6	0.9	0.0
55°	4.1	3.0	2.1	1.6	1.6	0.9	0.0
52.5°	4.6	3.4	2.3	1.6	1.6	1.0	0.0
50°	5.1	3.8	2.6	1.6	1.6	1.0	0.0
47.5°	5.7	4.2	2.8	1.6	1.6	1.1	0.0
45°	7.0	4.6	3.0	1.8	1.6	1.1	0.0
42.5°	8.2	5.1	3.2	2.0	1.6	1.2	0.0
40°	9.5	5.5	3.5	2.1	1.6	1.2	0.0
37.5°	10.8	5.9	3.8	2.2	1.6	1.3	0.0
35°	12.1	6.8	4.1	2.4	1.6	1.3	0.0
32.5°	13.4	7.8	4.5	2.5	1.6	1.3	0.0
30°	14.7	8.8	4.8	2.6	1.6	1.4	0.0
27.5°	16.0	9.8	5.0	2.7	1.6	1.4	0.0
25°	17.3	10.7	5.1	2.8	1.6	1.5	0.0
22.5°	18.5	11.4	5.3	2.9	1.6	1.5	0.0
20°	19.7	11.7	5.3	3.0	1.6	1.5	0.0
17.5°	20.4	11.8	5.4	3.1	1.6	1.5	0.0
15°	20.7	11.8	5.4	3.1	1.6	1.5	0.0
12.5°	21.0	11.7	5.4	3.2	1.6	1.6	0.0
10°	21.2	11.5	5.3	3.2	1.6	1.6	0.0
7.5°	21.4	11.2	5.3	3.3	1.6	1.6	0.0
5°	21.5	10.8	5.2	3.3	1.6	1.6	0.0
2.5°	21.4	10.3	5.0	3.3	1.6	1.6	0.0
0°	21.3	9.8	4.9	3.3	1.6	1.6	0.0
-2.5°	21.4	10.3	5.0	3.3	1.6	1.6	0.0
-5°	21.5	10.8	5.2	3.3	1.6	1.6	0.0
-7.5°	21.4	11.2	5.3	3.3	1.6	1.6	0.0
-10°	21.2	11.5	5.3	3.2	1.6	1.6	0.0
-12.5°	21.0	11.7	5.4	3.2	1.6	1.6	0.0
-15°	20.7	11.8	5.4	3.1	1.6	1.5	0.0
-17.5°	20.4	11.8	5.4	3.1	1.6	1.5	0.0
-20°	19.7	11.7	5.3	3.0	1.6	1.5	0.0



REPORT NUMBER: P561401 (CONVERTED FROM TYPE C PHOTOMETRY)  
 CATALOG NUMBER: GFLD-SA5B-AMB-U-TSB-BK

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	18.5	11.4	5.3	2.9	1.6	1.5	0.0
-25°	17.3	10.7	5.1	2.8	1.6	1.5	0.0
-27.5°	16.0	9.8	5.0	2.7	1.6	1.4	0.0
-30°	14.7	8.8	4.8	2.6	1.6	1.4	0.0
-32.5°	13.4	7.8	4.5	2.5	1.6	1.3	0.0
-35°	12.1	6.8	4.1	2.4	1.6	1.3	0.0
-37.5°	10.8	5.9	3.8	2.2	1.6	1.3	0.0
-40°	9.5	5.5	3.5	2.1	1.6	1.2	0.0
-42.5°	8.2	5.1	3.2	2.0	1.6	1.2	0.0
-45°	7.0	4.6	3.0	1.8	1.6	1.1	0.0
-47.5°	5.7	4.2	2.8	1.6	1.6	1.1	0.0
-50°	5.1	3.8	2.6	1.6	1.6	1.0	0.0
-52.5°	4.6	3.4	2.3	1.6	1.6	1.0	0.0
-55°	4.1	3.0	2.1	1.6	1.6	0.9	0.0
-57.5°	3.7	2.7	1.8	1.6	1.6	0.9	0.0
-60°	3.3	2.4	1.6	1.6	1.6	0.8	0.0
-62.5°	2.9	2.1	1.6	1.6	1.5	0.7	0.0
-65°	2.5	1.8	1.6	1.6	1.4	0.7	0.0
-67.5°	2.1	1.6	1.6	1.6	1.2	0.6	0.0
-70°	1.7	1.6	1.6	1.6	1.1	0.5	0.0
-72.5°	1.6	1.6	1.6	1.4	1.0	0.5	0.0
-75°	1.6	1.6	1.6	1.2	0.8	0.4	0.0
-77.5°	1.6	1.6	1.4	1.0	0.7	0.3	0.0
-80°	1.6	1.4	1.1	0.8	0.6	0.3	0.0
-82.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0
-85°	0.8	0.7	0.6	0.4	0.3	0.1	0.0
-87.5°	0.4	0.3	0.3	0.2	0.1	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)