

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: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA1A-930-U-MWR-XX**

Issue Date: 7/20/2021

Test Information

Test Method: LM-79-08
Report Number: P558469 (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-930-U-MWR-XX
Description: GALLEON FLOOD, ONE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N5
Light Source: (16) 3000K CCT, 90 CRI LEDS
Ballast/Driver: -

Summary

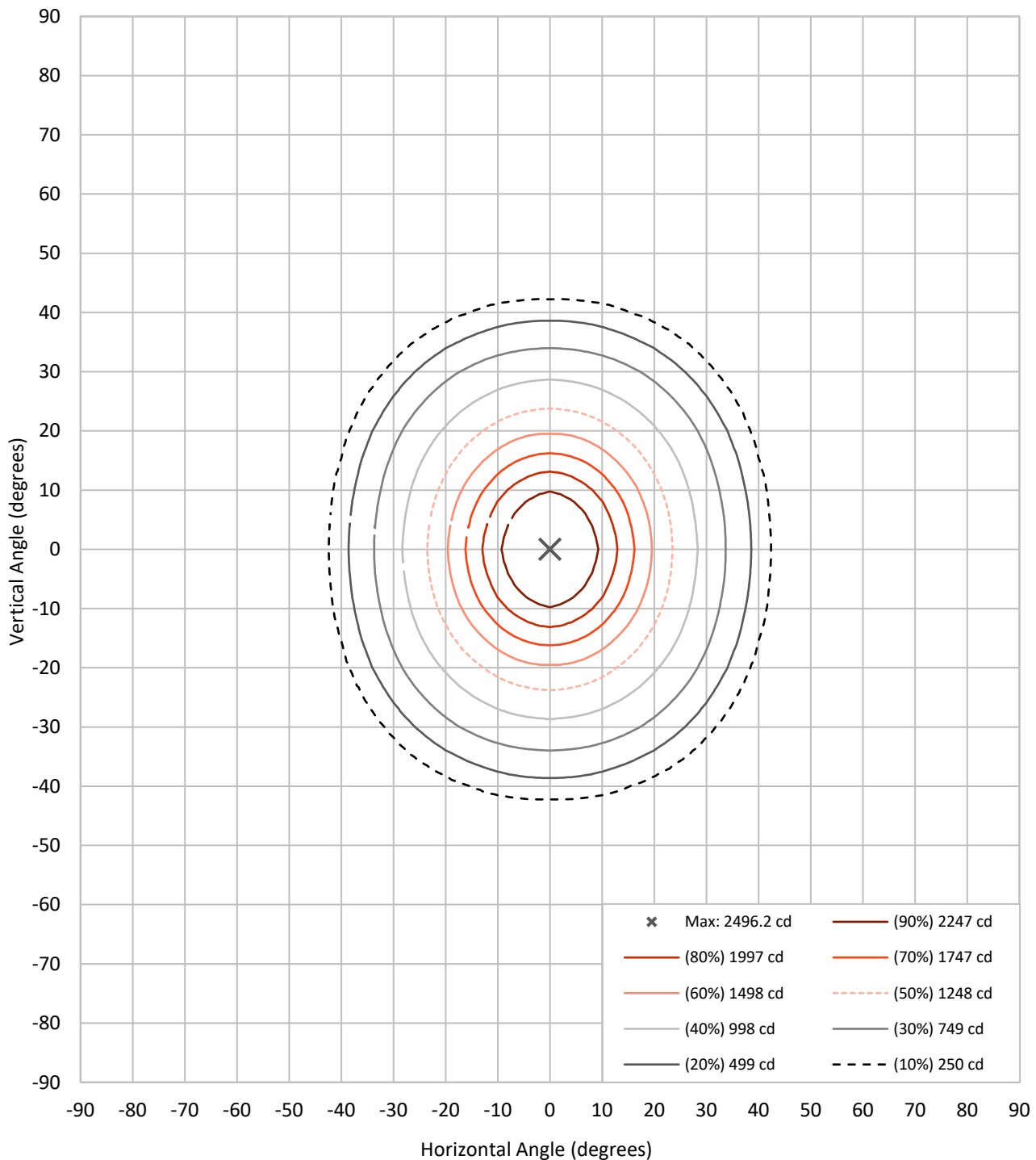
Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	1943.2 lumens	Max Intensity:	2496.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.0 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	47°H x 47.6°V	Field Angle (10%):	84.6°H x 84.3°V
Beam Lumens:	916.9 lumens	Field Lumens:	1764.4 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



REPORT NUMBER: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA1A-930-U-MWR-XX

Iso-Candela Plot





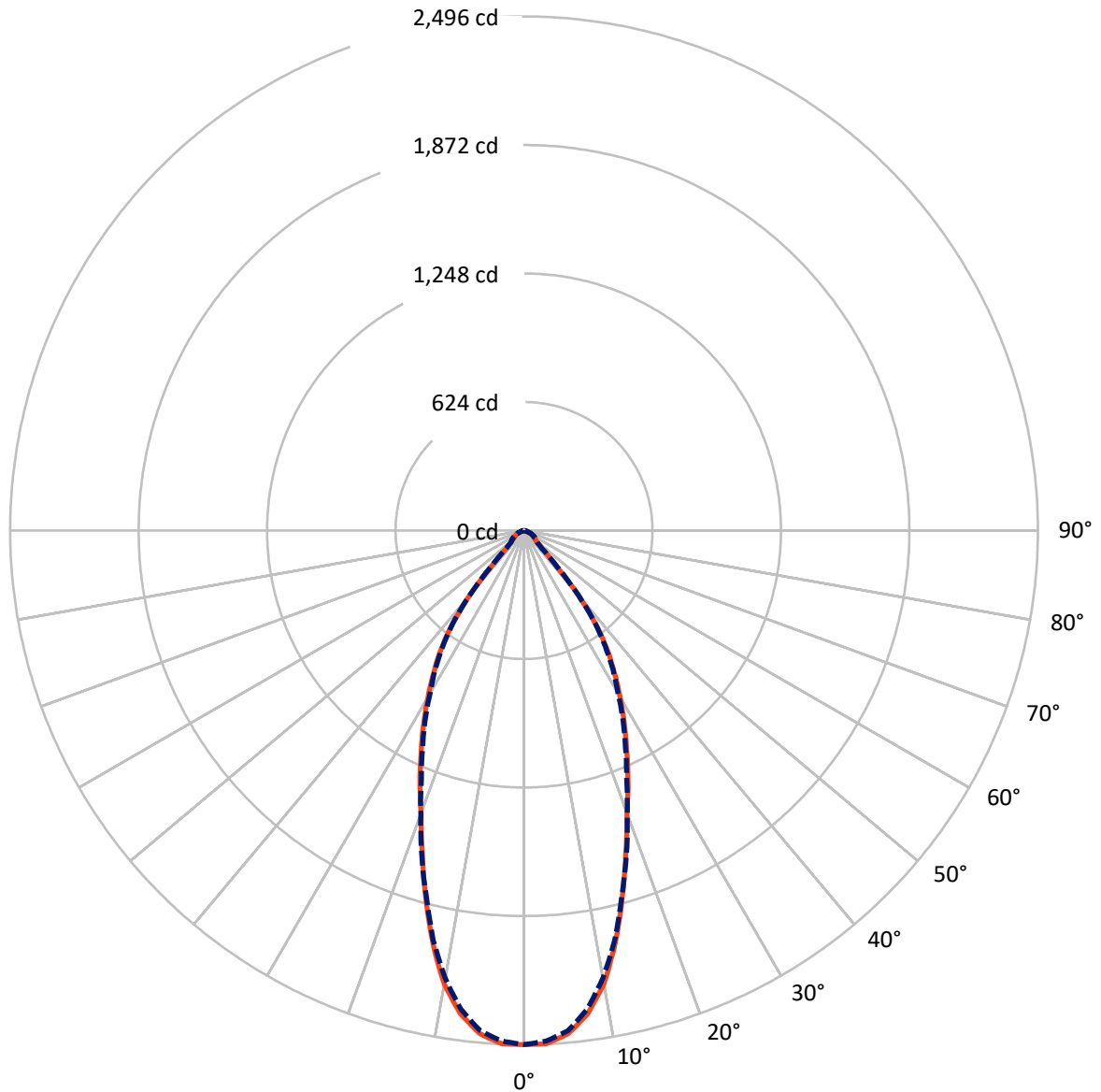
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Lumen Table

90																			
80	0.0	0.2		0.5		0.9		0.7		0.9		0.5		0.2		0.0			
70																			
60	0.1	0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.2	0.1			
50		0.2	0.5	0.8	1.1	1.4	1.6	1.8	1.8	1.6	1.4	1.1	0.8	0.5	0.2				
40	0.2	0.3	0.6	1.1	1.6	2.2	3.5	4.8	4.8	3.5	2.2	1.6	1.1	0.6	0.3	0.2			
30		0.4	0.8	1.4	2.6	8.2	15.9	20.3	20.3	15.9	8.2	2.6	1.4	0.8	0.4				
20	0.2	0.4	0.9	1.7	7.5	19.6	28.9	35.0	35.0	28.9	19.6	7.5	1.7	0.9	0.4	0.2			
10		0.5	1.1	2.6	13.6	27.0	41.0	53.4	53.4	41.0	27.0	13.6	2.6	1.1	0.5				
0	0.2	0.5	1.1	3.6	16.6	31.5	51.6	69.8	69.8	51.6	31.5	16.6	3.6	1.1	0.5	0.2			
-10		0.5	1.1	3.6	16.6	31.5	51.6	69.8	69.8	51.6	31.5	16.6	3.6	1.1	0.5				
-20	0.2	0.5	1.1	3.6	16.6	31.5	51.6	69.8	69.8	51.6	31.5	16.6	3.6	1.1	0.5	0.2			
-30		0.4	0.9	1.7	7.5	19.6	28.9	35.0	35.0	28.9	19.6	7.5	1.7	0.9	0.4				
-40	0.2	0.4	0.8	1.4	2.6	8.2	15.9	20.3	20.3	15.9	8.2	2.6	1.4	0.8	0.4	0.2			
-50		0.3	0.6	1.1	1.6	2.2	3.5	4.8	4.8	3.5	2.2	1.6	1.1	0.6	0.3				
-60	0.1	0.2	0.5	0.8	1.1	1.4	1.6	1.8	1.8	1.6	1.4	1.1	0.8	0.5	0.2	0.1			
-70		0.2	0.3	0.4	0.6	0.8	0.9	1.0	1.0	0.9	0.8	0.6	0.4	0.3	0.2				
-80																			
-90	0.0	0.2		0.5		0.9		0.7		0.9		0.5		0.2		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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CATALOG NUMBER: GFLD-SA1A-930-U-MWR-XX

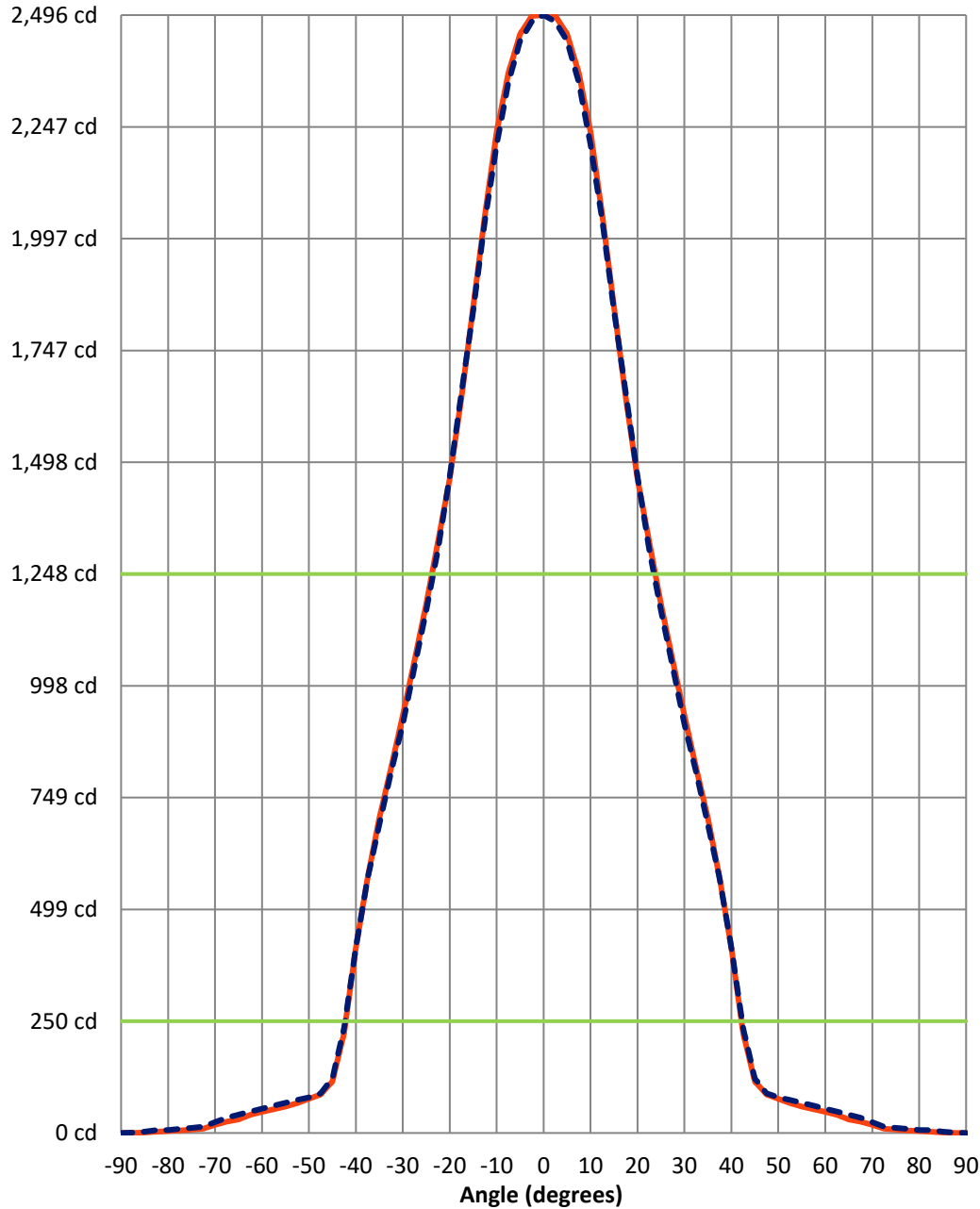
Luminous Intensity Polar Plot



— 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: 916.9
 Efficiency: 47.2%

Field:
 H Angle: 84.6°
 V Angle: 84.3°
 Lumens: 1764.4
 Efficiency: 90.8%

Spill:
 Lumens: 178.8
 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	0.3	0.4	0.4	0.4	0.5
85°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.8	0.9	0.9
82.5°	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7
80°	0.0	0.2	0.3	0.5	0.8	1.0	1.4	1.8	2.2	2.5	2.7
77.5°	0.0	0.2	0.4	0.6	0.9	1.4	2.2	2.7	3.2	3.5	3.8
75°	0.0	0.2	0.5	0.8	1.2	2.0	3.0	3.6	4.1	4.7	5.1
72.5°	0.0	0.3	0.5	0.9	1.6	2.6	3.7	4.6	5.3	5.9	6.4
70°	0.0	0.3	0.6	1.0	2.1	3.2	4.5	5.7	6.5	7.2	8.2
67.5°	0.0	0.3	0.7	1.3	2.5	3.8	5.4	6.8	7.7	8.8	10.1
65°	0.0	0.4	0.8	1.6	2.9	4.4	6.2	7.9	9.0	10.3	11.9
62.5°	0.0	0.4	0.8	1.9	3.3	5.0	7.0	8.9	10.2	11.8	13.6
60°	0.0	0.4	0.9	2.2	3.7	5.6	7.8	9.8	11.3	13.3	15.3
57.5°	0.0	0.5	1.1	2.4	4.1	6.2	8.3	10.7	12.6	14.8	16.8
55°	0.0	0.5	1.2	2.7	4.5	6.7	8.8	11.3	13.9	16.2	18.1
52.5°	0.0	0.5	1.4	2.9	4.9	7.2	9.2	12.1	15.2	17.4	19.4
50°	0.0	0.6	1.5	3.1	5.2	7.4	9.5	12.8	16.4	18.6	20.9
47.5°	0.0	0.6	1.7	3.3	5.5	7.6	9.8	13.5	17.4	19.8	22.3
45°	0.0	0.6	1.8	3.6	5.8	7.7	10.3	14.1	17.9	21.0	23.7
42.5°	0.0	0.7	2.0	3.8	6.1	7.8	10.7	14.5	18.3	22.1	25.1
40°	0.0	0.7	2.1	4.0	6.2	7.9	11.0	14.7	18.7	23.2	26.4
37.5°	0.0	0.7	2.2	4.2	6.3	7.9	11.3	14.9	19.1	23.7	27.7
35°	0.0	0.7	2.3	4.4	6.3	8.0	11.4	15.0	19.4	24.4	29.0
32.5°	0.0	0.8	2.4	4.6	6.2	8.1	11.5	15.1	19.6	25.4	30.1
30°	0.0	0.8	2.5	4.8	6.2	8.2	11.5	15.1	19.8	26.4	31.2
27.5°	0.0	0.8	2.6	5.0	6.3	8.2	11.4	15.1	20.2	27.6	32.3
25°	0.0	0.8	2.7	5.2	6.3	8.2	11.3	15.2	21.0	28.6	33.4
22.5°	0.0	0.8	2.7	5.4	6.4	8.2	11.1	15.2	21.9	29.4	34.7
20°	0.0	0.8	2.8	5.5	6.5	8.4	10.9	15.1	22.7	30.2	35.9
17.5°	0.0	0.9	2.9	5.7	6.5	8.6	10.9	14.9	23.6	30.9	36.9
15°	0.0	0.9	2.9	5.8	6.5	8.8	11.1	14.9	24.4	31.6	37.9
12.5°	0.0	0.9	2.9	6.0	6.6	8.9	11.2	15.0	24.9	32.2	38.7
10°	0.0	0.9	3.0	6.1	6.6	9.0	11.3	14.9	25.2	32.6	39.4
7.5°	0.0	0.9	3.0	6.2	6.6	9.1	11.4	14.8	25.2	33.1	40.0
5°	0.0	0.9	3.0	6.3	6.6	9.1	11.4	14.6	25.1	33.6	40.4
2.5°	0.0	0.9	3.0	6.4	6.6	9.2	11.4	14.4	24.7	33.9	40.7
0°	0.0	0.9	3.0	6.4	6.6	9.2	11.4	14.4	24.7	33.9	40.7
-2.5°	0.0	0.9	3.0	6.4	6.6	9.2	11.4	14.4	24.7	33.9	40.7
-5°	0.0	0.9	3.0	6.3	6.6	9.1	11.4	14.6	25.1	33.6	40.4
-7.5°	0.0	0.9	3.0	6.2	6.6	9.1	11.4	14.8	25.2	33.1	40.0
-10°	0.0	0.9	3.0	6.1	6.6	9.0	11.3	14.9	25.2	32.6	39.4
-12.5°	0.0	0.9	2.9	6.0	6.6	8.9	11.2	15.0	24.9	32.2	38.7
-15°	0.0	0.9	2.9	5.8	6.5	8.8	11.1	14.9	24.4	31.6	37.9
-17.5°	0.0	0.9	2.9	5.7	6.5	8.6	10.9	14.9	23.6	30.9	36.9
-20°	0.0	0.8	2.8	5.5	6.5	8.4	10.9	15.1	22.7	30.2	35.9



REPORT NUMBER: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	0.8	2.7	5.4	6.4	8.2	11.1	15.2	21.9	29.4	34.7
-25°	0.0	0.8	2.7	5.2	6.3	8.2	11.3	15.2	21.0	28.6	33.4
-27.5°	0.0	0.8	2.6	5.0	6.3	8.2	11.4	15.1	20.2	27.6	32.3
-30°	0.0	0.8	2.5	4.8	6.2	8.2	11.5	15.1	19.8	26.4	31.2
-32.5°	0.0	0.8	2.4	4.6	6.2	8.1	11.5	15.1	19.6	25.4	30.1
-35°	0.0	0.7	2.3	4.4	6.3	8.0	11.4	15.0	19.4	24.4	29.0
-37.5°	0.0	0.7	2.2	4.2	6.3	7.9	11.3	14.9	19.1	23.7	27.7
-40°	0.0	0.7	2.1	4.0	6.2	7.9	11.0	14.7	18.7	23.2	26.4
-42.5°	0.0	0.7	2.0	3.8	6.1	7.8	10.7	14.5	18.3	22.1	25.1
-45°	0.0	0.6	1.8	3.6	5.8	7.7	10.3	14.1	17.9	21.0	23.7
-47.5°	0.0	0.6	1.7	3.3	5.5	7.6	9.8	13.5	17.4	19.8	22.3
-50°	0.0	0.6	1.5	3.1	5.2	7.4	9.5	12.8	16.4	18.6	20.9
-52.5°	0.0	0.5	1.4	2.9	4.9	7.2	9.2	12.1	15.2	17.4	19.4
-55°	0.0	0.5	1.2	2.7	4.5	6.7	8.8	11.3	13.9	16.2	18.1
-57.5°	0.0	0.5	1.1	2.4	4.1	6.2	8.3	10.7	12.6	14.8	16.8
-60°	0.0	0.4	0.9	2.2	3.7	5.6	7.8	9.8	11.3	13.3	15.3
-62.5°	0.0	0.4	0.8	1.9	3.3	5.0	7.0	8.9	10.2	11.8	13.6
-65°	0.0	0.4	0.8	1.6	2.9	4.4	6.2	7.9	9.0	10.3	11.9
-67.5°	0.0	0.3	0.7	1.3	2.5	3.8	5.4	6.8	7.7	8.8	10.1
-70°	0.0	0.3	0.6	1.0	2.1	3.2	4.5	5.7	6.5	7.2	8.2
-72.5°	0.0	0.3	0.5	0.9	1.6	2.6	3.7	4.6	5.3	5.9	6.4
-75°	0.0	0.2	0.5	0.8	1.2	2.0	3.0	3.6	4.1	4.7	5.1
-77.5°	0.0	0.2	0.4	0.6	0.9	1.4	2.2	2.7	3.2	3.5	3.8
-80°	0.0	0.2	0.3	0.5	0.8	1.0	1.4	1.8	2.2	2.5	2.7
-82.5°	0.0	0.1	0.2	0.4	0.6	0.8	1.0	1.1	1.3	1.5	1.7
-85°	0.0	0.1	0.2	0.3	0.4	0.5	0.7	0.8	0.8	0.9	0.9
-87.5°	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	0.4	0.4	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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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	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
85°	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.0	1.2	1.3	1.5
82.5°	1.9	2.1	2.2	2.4	2.4	2.3	2.3	2.2	2.5	2.9	3.3
80°	2.9	3.2	3.6	3.9	4.0	4.0	3.9	3.6	4.1	4.7	5.5
77.5°	4.2	4.7	5.2	5.7	5.9	5.8	5.5	5.1	5.7	6.8	8.0
75°	5.6	6.2	7.0	7.7	7.8	7.6	7.2	6.9	7.6	8.9	10.2
72.5°	7.3	8.3	9.1	9.7	9.8	9.6	9.4	9.2	10.0	11.5	12.9
70°	9.4	10.5	11.1	11.5	11.6	11.7	12.2	12.7	13.5	14.8	15.9
67.5°	11.6	12.4	13.0	13.4	14.2	15.0	15.7	16.5	17.4	18.5	19.3
65°	13.5	14.4	15.1	16.1	17.3	18.2	19.2	20.3	21.5	22.6	23.3
62.5°	15.4	16.3	17.4	18.7	20.0	21.3	22.7	24.2	25.7	26.9	28.2
60°	17.0	18.2	19.6	21.1	22.8	24.7	26.4	28.1	29.7	31.3	33.1
57.5°	18.5	20.1	21.8	23.7	25.8	28.1	30.2	32.1	34.0	36.3	38.1
55°	20.0	22.1	24.1	26.3	28.9	31.6	33.9	36.0	38.4	41.1	43.2
52.5°	21.7	24.0	26.3	29.0	32.1	34.9	37.2	39.9	42.8	45.7	48.1
50°	23.3	25.9	28.6	32.0	35.1	37.7	40.6	43.8	46.9	49.9	52.7
47.5°	25.0	27.7	31.3	34.8	37.7	40.8	44.2	47.4	50.7	53.8	56.7
45°	26.6	29.8	33.8	37.1	40.3	43.9	47.4	50.8	54.2	57.5	60.8
42.5°	28.2	31.9	35.9	39.4	43.1	46.8	50.4	54.1	57.7	61.2	64.7
40°	29.9	33.8	38.0	41.8	45.7	49.5	53.4	57.2	61.0	64.7	68.4
37.5°	31.4	35.8	40.2	44.1	48.1	52.1	56.2	60.2	64.2	68.1	72.3
35°	32.8	37.8	42.2	46.3	50.5	54.6	58.9	63.1	67.3	71.6	76.9
32.5°	34.4	39.8	44.1	48.5	52.8	57.0	61.4	66.0	70.4	75.4	83.1
30°	36.2	41.5	45.9	50.5	54.9	59.4	63.9	68.7	73.4	81.1	98.9
27.5°	37.9	43.0	47.7	52.4	56.9	61.5	66.3	71.2	77.8	89.6	118.5
25°	39.5	44.5	49.3	54.1	58.8	63.6	68.5	73.6	82.5	106.4	170.2
22.5°	40.8	45.9	50.9	55.7	60.5	65.4	70.6	77.3	91.1	123.4	227.7
20°	42.0	47.3	52.4	57.4	62.1	67.0	72.4	80.8	104.1	171.8	296.6
17.5°	43.1	48.5	53.8	58.9	63.9	68.8	74.3	83.9	115.8	213.8	365.8
15°	44.0	49.6	55.0	60.4	65.5	70.6	77.2	92.5	139.4	255.6	427.5
12.5°	44.9	50.6	56.2	61.8	67.0	72.3	79.9	101.1	168.4	304.6	469.7
10°	45.7	51.4	57.2	63.0	68.3	73.8	82.1	108.2	192.2	344.9	503.5
7.5°	46.4	52.2	58.1	64.1	69.5	75.0	83.9	113.7	210.7	375.2	530.5
5°	47.0	53.0	59.3	65.3	70.9	76.4	85.5	117.7	223.6	395.6	550.1
2.5°	47.5	53.7	60.3	66.4	72.4	78.1	87.2	120.6	231.9	408.6	562.7
0°	47.8	54.2	61.1	67.3	73.8	79.5	88.6	122.0	235.0	413.4	567.5
-2.5°	47.5	53.7	60.3	66.4	72.4	78.1	87.2	120.6	231.9	408.6	562.7
-5°	47.0	53.0	59.3	65.3	70.9	76.4	85.5	117.7	223.6	395.6	550.1
-7.5°	46.4	52.2	58.1	64.1	69.5	75.0	83.9	113.7	210.7	375.2	530.5
-10°	45.7	51.4	57.2	63.0	68.3	73.8	82.1	108.2	192.2	344.9	503.5
-12.5°	44.9	50.6	56.2	61.8	67.0	72.3	79.9	101.1	168.4	304.6	469.7
-15°	44.0	49.6	55.0	60.4	65.5	70.6	77.2	92.5	139.4	255.6	427.5
-17.5°	43.1	48.5	53.8	58.9	63.9	68.8	74.3	83.9	115.8	213.8	365.8
-20°	42.0	47.3	52.4	57.4	62.1	67.0	72.4	80.8	104.1	171.8	296.6



REPORT NUMBER: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-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°	40.8	45.9	50.9	55.7	60.5	65.4	70.6	77.3	91.1	123.4	227.7
-25°	39.5	44.5	49.3	54.1	58.8	63.6	68.5	73.6	82.5	106.4	170.2
-27.5°	37.9	43.0	47.7	52.4	56.9	61.5	66.3	71.2	77.8	89.6	118.5
-30°	36.2	41.5	45.9	50.5	54.9	59.4	63.9	68.7	73.4	81.1	98.9
-32.5°	34.4	39.8	44.1	48.5	52.8	57.0	61.4	66.0	70.4	75.4	83.1
-35°	32.8	37.8	42.2	46.3	50.5	54.6	58.9	63.1	67.3	71.6	76.9
-37.5°	31.4	35.8	40.2	44.1	48.1	52.1	56.2	60.2	64.2	68.1	72.3
-40°	29.9	33.8	38.0	41.8	45.7	49.5	53.4	57.2	61.0	64.7	68.4
-42.5°	28.2	31.9	35.9	39.4	43.1	46.8	50.4	54.1	57.7	61.2	64.7
-45°	26.6	29.8	33.8	37.1	40.3	43.9	47.4	50.8	54.2	57.5	60.8
-47.5°	25.0	27.7	31.3	34.8	37.7	40.8	44.2	47.4	50.7	53.8	56.7
-50°	23.3	25.9	28.6	32.0	35.1	37.7	40.6	43.8	46.9	49.9	52.7
-52.5°	21.7	24.0	26.3	29.0	32.1	34.9	37.2	39.9	42.8	45.7	48.1
-55°	20.0	22.1	24.1	26.3	28.9	31.6	33.9	36.0	38.4	41.1	43.2
-57.5°	18.5	20.1	21.8	23.7	25.8	28.1	30.2	32.1	34.0	36.3	38.1
-60°	17.0	18.2	19.6	21.1	22.8	24.7	26.4	28.1	29.7	31.3	33.1
-62.5°	15.4	16.3	17.4	18.7	20.0	21.3	22.7	24.2	25.7	26.9	28.2
-65°	13.5	14.4	15.1	16.1	17.3	18.2	19.2	20.3	21.5	22.6	23.3
-67.5°	11.6	12.4	13.0	13.4	14.2	15.0	15.7	16.5	17.4	18.5	19.3
-70°	9.4	10.5	11.1	11.5	11.6	11.7	12.2	12.7	13.5	14.8	15.9
-72.5°	7.3	8.3	9.1	9.7	9.8	9.6	9.4	9.2	10.0	11.5	12.9
-75°	5.6	6.2	7.0	7.7	7.8	7.6	7.2	6.9	7.6	8.9	10.2
-77.5°	4.2	4.7	5.2	5.7	5.9	5.8	5.5	5.1	5.7	6.8	8.0
-80°	2.9	3.2	3.6	3.9	4.0	4.0	3.9	3.6	4.1	4.7	5.5
-82.5°	1.9	2.1	2.2	2.4	2.4	2.3	2.3	2.2	2.5	2.9	3.3
-85°	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.0	1.2	1.3	1.5
-87.5°	0.5	0.5	0.4	0.4	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: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-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°	1.7	1.6	1.5	1.4	1.3	1.4	1.5	1.5	1.6	1.5	1.4
82.5°	3.7	3.8	3.8	3.8	3.8	4.0	4.1	4.3	4.4	4.1	3.7
80°	6.3	6.7	6.8	7.0	7.1	7.1	7.0	6.9	6.6	6.1	5.4
77.5°	9.2	9.7	9.9	10.2	10.4	10.5	10.5	10.6	10.6	9.7	8.4
75°	11.4	12.1	12.5	12.9	13.3	13.5	13.6	13.6	13.7	12.5	10.9
72.5°	13.9	14.6	15.1	15.6	16.0	16.3	16.5	16.6	16.7	15.6	14.2
70°	16.7	17.3	17.9	18.4	19.0	19.4	19.6	19.8	19.9	19.8	19.8
67.5°	20.0	20.5	21.2	21.8	22.3	22.7	23.1	23.5	23.7	24.0	24.3
65°	24.1	25.2	26.3	26.8	26.9	27.5	28.4	29.0	29.3	29.6	29.9
62.5°	29.8	31.2	31.9	32.8	34.0	35.1	35.5	36.0	36.7	37.5	38.4
60°	34.7	35.8	37.0	38.3	39.3	40.2	41.2	42.1	43.0	43.8	44.6
57.5°	39.7	40.9	42.2	43.6	44.6	45.3	46.2	47.3	48.2	48.9	49.9
55°	44.9	46.5	48.1	49.4	50.4	51.0	51.7	52.9	53.5	53.8	55.0
52.5°	50.1	52.0	54.0	55.5	56.6	57.5	58.4	59.4	60.1	60.4	61.6
50°	54.9	57.2	59.5	61.5	62.8	64.4	66.2	67.1	67.6	68.3	69.6
47.5°	59.5	62.1	64.5	66.8	68.7	70.5	72.0	73.5	75.7	77.4	79.1
45°	63.9	66.7	69.3	71.9	74.0	77.5	80.7	83.5	91.0	97.3	102.1
42.5°	68.1	71.4	74.4	78.6	83.2	91.1	103.5	114.9	136.9	165.3	189.1
40°	72.4	76.7	82.1	90.3	105.8	121.9	169.7	212.3	254.2	301.9	342.7
37.5°	77.5	84.0	99.6	118.2	168.1	223.3	291.1	357.6	415.5	465.1	506.5
35°	84.2	104.3	133.5	201.2	275.0	365.5	443.6	506.1	563.4	609.3	643.9
32.5°	103.9	140.7	218.0	311.1	412.6	500.0	576.0	636.0	688.2	729.3	761.4
30°	132.8	217.4	322.4	434.0	534.9	618.4	688.7	745.8	792.4	834.3	869.5
27.5°	201.5	310.4	433.8	547.6	639.4	717.6	780.6	837.2	888.6	932.7	974.3
25°	276.7	411.5	536.0	639.5	725.2	798.6	865.1	926.9	984.5	1036.1	1084.5
22.5°	367.0	501.5	620.4	716.2	799.3	874.6	945.2	1014.1	1081.1	1144.1	1202.6
20°	448.7	580.7	684.4	780.2	866.4	944.9	1022.7	1103.0	1180.3	1256.2	1326.6
17.5°	512.5	635.2	739.4	836.4	924.2	1013.0	1102.2	1194.4	1287.6	1375.7	1460.0
15°	565.7	680.7	786.2	883.2	979.8	1077.8	1177.4	1286.0	1396.9	1502.3	1609.8
12.5°	603.4	718.6	825.6	923.0	1031.2	1137.7	1253.5	1377.3	1505.4	1628.2	1760.2
10°	633.7	748.9	855.0	959.9	1074.5	1192.5	1322.5	1458.8	1611.6	1757.1	1899.3
7.5°	659.6	774.1	878.6	990.0	1110.5	1240.3	1381.6	1535.7	1701.1	1862.9	2032.2
5°	678.7	791.3	896.9	1014.8	1138.2	1275.1	1427.2	1591.8	1769.2	1946.6	2113.9
2.5°	688.7	801.2	908.3	1030.1	1154.4	1296.3	1454.6	1629.2	1816.5	2010.0	2175.1
0°	688.5	805.3	912.7	1040.5	1166.4	1302.6	1466.4	1653.1	1835.8	2036.9	2206.3
-2.5°	688.7	801.2	908.3	1030.1	1154.4	1296.3	1454.6	1629.2	1816.5	2010.0	2175.1
-5°	678.7	791.3	896.9	1014.8	1138.2	1275.1	1427.2	1591.8	1769.2	1946.6	2113.9
-7.5°	659.6	774.1	878.6	990.0	1110.5	1240.3	1381.6	1535.7	1701.1	1862.9	2032.2
-10°	633.7	748.9	855.0	959.9	1074.5	1192.5	1322.5	1458.8	1611.6	1757.1	1899.3
-12.5°	603.4	718.6	825.6	923.0	1031.2	1137.7	1253.5	1377.3	1505.4	1628.2	1760.2
-15°	565.7	680.7	786.2	883.2	979.8	1077.8	1177.4	1286.0	1396.9	1502.3	1609.8
-17.5°	512.5	635.2	739.4	836.4	924.2	1013.0	1102.2	1194.4	1287.6	1375.7	1460.0
-20°	448.7	580.7	684.4	780.2	866.4	944.9	1022.7	1103.0	1180.3	1256.2	1326.6



REPORT NUMBER: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	367.0	501.5	620.4	716.2	799.3	874.6	945.2	1014.1	1081.1	1144.1	1202.6
-25°	276.7	411.5	536.0	639.5	725.2	798.6	865.1	926.9	984.5	1036.1	1084.5
-27.5°	201.5	310.4	433.8	547.6	639.4	717.6	780.6	837.2	888.6	932.7	974.3
-30°	132.8	217.4	322.4	434.0	534.9	618.4	688.7	745.8	792.4	834.3	869.5
-32.5°	103.9	140.7	218.0	311.1	412.6	500.0	576.0	636.0	688.2	729.3	761.4
-35°	84.2	104.3	133.5	201.2	275.0	365.5	443.6	506.1	563.4	609.3	643.9
-37.5°	77.5	84.0	99.6	118.2	168.1	223.3	291.1	357.6	415.5	465.1	506.5
-40°	72.4	76.7	82.1	90.3	105.8	121.9	169.7	212.3	254.2	301.9	342.7
-42.5°	68.1	71.4	74.4	78.6	83.2	91.1	103.5	114.9	136.9	165.3	189.1
-45°	63.9	66.7	69.3	71.9	74.0	77.5	80.7	83.5	91.0	97.3	102.1
-47.5°	59.5	62.1	64.5	66.8	68.7	70.5	72.0	73.5	75.7	77.4	79.1
-50°	54.9	57.2	59.5	61.5	62.8	64.4	66.2	67.1	67.6	68.3	69.6
-52.5°	50.1	52.0	54.0	55.5	56.6	57.5	58.4	59.4	60.1	60.4	61.6
-55°	44.9	46.5	48.1	49.4	50.4	51.0	51.7	52.9	53.5	53.8	55.0
-57.5°	39.7	40.9	42.2	43.6	44.6	45.3	46.2	47.3	48.2	48.9	49.9
-60°	34.7	35.8	37.0	38.3	39.3	40.2	41.2	42.1	43.0	43.8	44.6
-62.5°	29.8	31.2	31.9	32.8	34.0	35.1	35.5	36.0	36.7	37.5	38.4
-65°	24.1	25.2	26.3	26.8	26.9	27.5	28.4	29.0	29.3	29.6	29.9
-67.5°	20.0	20.5	21.2	21.8	22.3	22.7	23.1	23.5	23.7	24.0	24.3
-70°	16.7	17.3	17.9	18.4	19.0	19.4	19.6	19.8	19.9	19.8	19.8
-72.5°	13.9	14.6	15.1	15.6	16.0	16.3	16.5	16.6	16.7	15.6	14.2
-75°	11.4	12.1	12.5	12.9	13.3	13.5	13.6	13.6	13.7	12.5	10.9
-77.5°	9.2	9.7	9.9	10.2	10.4	10.5	10.5	10.6	10.6	9.7	8.4
-80°	6.3	6.7	6.8	7.0	7.1	7.1	7.0	6.9	6.6	6.1	5.4
-82.5°	3.7	3.8	3.8	3.8	3.8	4.0	4.1	4.3	4.4	4.1	3.7
-85°	1.7	1.6	1.5	1.4	1.3	1.4	1.5	1.5	1.6	1.5	1.4
-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: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-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°	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.4	1.5	1.6	1.5
82.5°	3.2	2.8	2.8	2.8	2.8	2.8	3.2	3.7	4.1	4.4	4.3
80°	4.8	4.1	4.2	4.3	4.2	4.1	4.8	5.4	6.1	6.6	6.9
77.5°	7.1	5.6	5.6	5.6	5.6	5.6	7.1	8.4	9.7	10.6	10.6
75°	9.4	7.8	7.7	7.7	7.7	7.8	9.4	10.9	12.5	13.7	13.6
72.5°	12.7	11.2	10.4	9.7	10.4	11.2	12.7	14.2	15.6	16.7	16.6
70°	19.8	19.8	19.1	18.2	19.1	19.8	19.8	19.8	19.8	19.9	19.8
67.5°	24.5	24.7	25.0	25.3	25.0	24.7	24.5	24.3	24.0	23.7	23.5
65°	30.0	30.0	30.1	30.2	30.1	30.0	30.0	29.9	29.6	29.3	29.0
62.5°	39.2	39.8	40.3	40.5	40.3	39.8	39.2	38.4	37.5	36.7	36.0
60°	45.2	45.8	46.5	47.2	46.5	45.8	45.2	44.6	43.8	43.0	42.1
57.5°	50.9	51.8	52.5	53.0	52.5	51.8	50.9	49.9	48.9	48.2	47.3
55°	56.2	57.2	58.1	59.0	58.1	57.2	56.2	55.0	53.8	53.5	52.9
52.5°	62.7	63.6	64.9	66.7	64.9	63.6	62.7	61.6	60.4	60.1	59.4
50°	71.1	72.4	74.2	76.3	74.2	72.4	71.1	69.6	68.3	67.6	67.1
47.5°	80.8	82.1	83.8	86.0	83.8	82.1	80.8	79.1	77.4	75.7	73.5
45°	106.5	109.5	112.3	115.3	112.3	109.5	106.5	102.1	97.3	91.0	83.5
42.5°	208.1	221.2	226.9	223.6	226.9	221.2	208.1	189.1	165.3	136.9	114.9
40°	373.8	395.7	408.5	413.0	408.5	395.7	373.8	342.7	301.9	254.2	212.3
37.5°	536.7	556.8	567.7	569.0	567.7	556.8	536.7	506.5	465.1	415.5	357.6
35°	668.8	685.4	695.2	702.6	695.2	685.4	668.8	643.9	609.3	563.4	506.1
32.5°	787.5	806.4	817.3	814.8	817.3	806.4	787.5	761.4	729.3	688.2	636.0
30°	898.3	919.0	931.8	932.1	931.8	919.0	898.3	869.5	834.3	792.4	745.8
27.5°	1007.9	1031.1	1044.4	1054.9	1044.4	1031.1	1007.9	974.3	932.7	888.6	837.2
25°	1124.8	1153.7	1170.8	1181.2	1170.8	1153.7	1124.8	1084.5	1036.1	984.5	926.9
22.5°	1250.8	1286.6	1310.1	1319.9	1310.1	1286.6	1250.8	1202.6	1144.1	1081.1	1014.1
20°	1387.9	1432.2	1462.3	1461.4	1462.3	1432.2	1387.9	1326.6	1256.2	1180.3	1103.0
17.5°	1540.9	1598.1	1636.8	1642.4	1636.8	1598.1	1540.9	1460.0	1375.7	1287.6	1194.4
15°	1704.9	1778.7	1828.7	1844.2	1828.7	1778.7	1704.9	1609.8	1502.3	1396.9	1286.0
12.5°	1873.0	1960.7	2027.5	2049.6	2027.5	1960.7	1873.0	1760.2	1628.2	1505.4	1377.3
10°	2033.1	2130.2	2202.8	2234.8	2202.8	2130.2	2033.1	1899.3	1757.1	1611.6	1458.8
7.5°	2166.9	2265.7	2340.3	2366.7	2340.3	2265.7	2166.9	2032.2	1862.9	1701.1	1535.7
5°	2255.1	2363.0	2421.0	2453.7	2421.0	2363.0	2255.1	2113.9	1946.6	1769.2	1591.8
2.5°	2314.1	2405.5	2464.3	2494.3	2464.3	2405.5	2314.1	2175.1	2010.0	1816.5	1629.2
0°	2345.4	2438.5	2481.6	2496.2	2481.6	2438.5	2345.4	2206.3	2036.9	1835.8	1653.1
-2.5°	2314.1	2405.5	2464.3	2494.3	2464.3	2405.5	2314.1	2175.1	2010.0	1816.5	1629.2
-5°	2255.1	2363.0	2421.0	2453.7	2421.0	2363.0	2255.1	2113.9	1946.6	1769.2	1591.8
-7.5°	2166.9	2265.7	2340.3	2366.7	2340.3	2265.7	2166.9	2032.2	1862.9	1701.1	1535.7
-10°	2033.1	2130.2	2202.8	2234.8	2202.8	2130.2	2033.1	1899.3	1757.1	1611.6	1458.8
-12.5°	1873.0	1960.7	2027.5	2049.6	2027.5	1960.7	1873.0	1760.2	1628.2	1505.4	1377.3
-15°	1704.9	1778.7	1828.7	1844.2	1828.7	1778.7	1704.9	1609.8	1502.3	1396.9	1286.0
-17.5°	1540.9	1598.1	1636.8	1642.4	1636.8	1598.1	1540.9	1460.0	1375.7	1287.6	1194.4
-20°	1387.9	1432.2	1462.3	1461.4	1462.3	1432.2	1387.9	1326.6	1256.2	1180.3	1103.0



REPORT NUMBER: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-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°	1250.8	1286.6	1310.1	1319.9	1310.1	1286.6	1250.8	1202.6	1144.1	1081.1	1014.1
-25°	1124.8	1153.7	1170.8	1181.2	1170.8	1153.7	1124.8	1084.5	1036.1	984.5	926.9
-27.5°	1007.9	1031.1	1044.4	1054.9	1044.4	1031.1	1007.9	974.3	932.7	888.6	837.2
-30°	898.3	919.0	931.8	932.1	931.8	919.0	898.3	869.5	834.3	792.4	745.8
-32.5°	787.5	806.4	817.3	814.8	817.3	806.4	787.5	761.4	729.3	688.2	636.0
-35°	668.8	685.4	695.2	702.6	695.2	685.4	668.8	643.9	609.3	563.4	506.1
-37.5°	536.7	556.8	567.7	569.0	567.7	556.8	536.7	506.5	465.1	415.5	357.6
-40°	373.8	395.7	408.5	413.0	408.5	395.7	373.8	342.7	301.9	254.2	212.3
-42.5°	208.1	221.2	226.9	223.6	226.9	221.2	208.1	189.1	165.3	136.9	114.9
-45°	106.5	109.5	112.3	115.3	112.3	109.5	106.5	102.1	97.3	91.0	83.5
-47.5°	80.8	82.1	83.8	86.0	83.8	82.1	80.8	79.1	77.4	75.7	73.5
-50°	71.1	72.4	74.2	76.3	74.2	72.4	71.1	69.6	68.3	67.6	67.1
-52.5°	62.7	63.6	64.9	66.7	64.9	63.6	62.7	61.6	60.4	60.1	59.4
-55°	56.2	57.2	58.1	59.0	58.1	57.2	56.2	55.0	53.8	53.5	52.9
-57.5°	50.9	51.8	52.5	53.0	52.5	51.8	50.9	49.9	48.9	48.2	47.3
-60°	45.2	45.8	46.5	47.2	46.5	45.8	45.2	44.6	43.8	43.0	42.1
-62.5°	39.2	39.8	40.3	40.5	40.3	39.8	39.2	38.4	37.5	36.7	36.0
-65°	30.0	30.0	30.1	30.2	30.1	30.0	30.0	29.9	29.6	29.3	29.0
-67.5°	24.5	24.7	25.0	25.3	25.0	24.7	24.5	24.3	24.0	23.7	23.5
-70°	19.8	19.8	19.1	18.2	19.1	19.8	19.8	19.8	19.8	19.9	19.8
-72.5°	12.7	11.2	10.4	9.7	10.4	11.2	12.7	14.2	15.6	16.7	16.6
-75°	9.4	7.8	7.7	7.7	7.7	7.8	9.4	10.9	12.5	13.7	13.6
-77.5°	7.1	5.6	5.6	5.6	5.6	5.6	7.1	8.4	9.7	10.6	10.6
-80°	4.8	4.1	4.2	4.3	4.2	4.1	4.8	5.4	6.1	6.6	6.9
-82.5°	3.2	2.8	2.8	2.8	2.8	2.8	3.2	3.7	4.1	4.4	4.3
-85°	1.2	1.1	1.1	1.1	1.1	1.1	1.2	1.4	1.5	1.6	1.5
-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: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-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°	1.5	1.4	1.3	1.4	1.5	1.6	1.7	1.5	1.3	1.2	1.0
82.5°	4.1	4.0	3.8	3.8	3.8	3.8	3.7	3.3	2.9	2.5	2.2
80°	7.0	7.1	7.1	7.0	6.8	6.7	6.3	5.5	4.7	4.1	3.6
77.5°	10.5	10.5	10.4	10.2	9.9	9.7	9.2	8.0	6.8	5.7	5.1
75°	13.6	13.5	13.3	12.9	12.5	12.1	11.4	10.2	8.9	7.6	6.9
72.5°	16.5	16.3	16.0	15.6	15.1	14.6	13.9	12.9	11.5	10.0	9.2
70°	19.6	19.4	19.0	18.4	17.9	17.3	16.7	15.9	14.8	13.5	12.7
67.5°	23.1	22.7	22.3	21.8	21.2	20.5	20.0	19.3	18.5	17.4	16.5
65°	28.4	27.5	26.9	26.8	26.3	25.2	24.1	23.3	22.6	21.5	20.3
62.5°	35.5	35.1	34.0	32.8	31.9	31.2	29.8	28.2	26.9	25.7	24.2
60°	41.2	40.2	39.3	38.3	37.0	35.8	34.7	33.1	31.3	29.7	28.1
57.5°	46.2	45.3	44.6	43.6	42.2	40.9	39.7	38.1	36.3	34.0	32.1
55°	51.7	51.0	50.4	49.4	48.1	46.5	44.9	43.2	41.1	38.4	36.0
52.5°	58.4	57.5	56.6	55.5	54.0	52.0	50.1	48.1	45.7	42.8	39.9
50°	66.2	64.4	62.8	61.5	59.5	57.2	54.9	52.7	49.9	46.9	43.8
47.5°	72.0	70.5	68.7	66.8	64.5	62.1	59.5	56.7	53.8	50.7	47.4
45°	80.7	77.5	74.0	71.9	69.3	66.7	63.9	60.8	57.5	54.2	50.8
42.5°	103.5	91.1	83.2	78.6	74.4	71.4	68.1	64.7	61.2	57.7	54.1
40°	169.7	121.9	105.8	90.3	82.1	76.7	72.4	68.4	64.7	61.0	57.2
37.5°	291.1	223.3	168.1	118.2	99.6	84.0	77.5	72.3	68.1	64.2	60.2
35°	443.6	365.5	275.0	201.2	133.5	104.3	84.2	76.9	71.6	67.3	63.1
32.5°	576.0	500.0	412.6	311.1	218.0	140.7	103.9	83.1	75.4	70.4	66.0
30°	688.7	618.4	534.9	434.0	322.4	217.4	132.8	98.9	81.1	73.4	68.7
27.5°	780.6	717.6	639.4	547.6	433.8	310.4	201.5	118.5	89.6	77.8	71.2
25°	865.1	798.6	725.2	639.5	536.0	411.5	276.7	170.2	106.4	82.5	73.6
22.5°	945.2	874.6	799.3	716.2	620.4	501.5	367.0	227.7	123.4	91.1	77.3
20°	1022.7	944.9	866.4	780.2	684.4	580.7	448.7	296.6	171.8	104.1	80.8
17.5°	1102.2	1013.0	924.2	836.4	739.4	635.2	512.5	365.8	213.8	115.8	83.9
15°	1177.4	1077.8	979.8	883.2	786.2	680.7	565.7	427.5	255.6	139.4	92.5
12.5°	1253.5	1137.7	1031.2	923.0	825.6	718.6	603.4	469.7	304.6	168.4	101.1
10°	1322.5	1192.5	1074.5	959.9	855.0	748.9	633.7	503.5	344.9	192.2	108.2
7.5°	1381.6	1240.3	1110.5	990.0	878.6	774.1	659.6	530.5	375.2	210.7	113.7
5°	1427.2	1275.1	1138.2	1014.8	896.9	791.3	678.7	550.1	395.6	223.6	117.7
2.5°	1454.6	1296.3	1154.4	1030.1	908.3	801.2	688.7	562.7	408.6	231.9	120.6
0°	1466.4	1302.6	1166.4	1040.5	912.7	805.3	688.5	567.5	413.4	235.0	122.0
-2.5°	1454.6	1296.3	1154.4	1030.1	908.3	801.2	688.7	562.7	408.6	231.9	120.6
-5°	1427.2	1275.1	1138.2	1014.8	896.9	791.3	678.7	550.1	395.6	223.6	117.7
-7.5°	1381.6	1240.3	1110.5	990.0	878.6	774.1	659.6	530.5	375.2	210.7	113.7
-10°	1322.5	1192.5	1074.5	959.9	855.0	748.9	633.7	503.5	344.9	192.2	108.2
-12.5°	1253.5	1137.7	1031.2	923.0	825.6	718.6	603.4	469.7	304.6	168.4	101.1
-15°	1177.4	1077.8	979.8	883.2	786.2	680.7	565.7	427.5	255.6	139.4	92.5
-17.5°	1102.2	1013.0	924.2	836.4	739.4	635.2	512.5	365.8	213.8	115.8	83.9
-20°	1022.7	944.9	866.4	780.2	684.4	580.7	448.7	296.6	171.8	104.1	80.8



REPORT NUMBER: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	945.2	874.6	799.3	716.2	620.4	501.5	367.0	227.7	123.4	91.1	77.3
-25°	865.1	798.6	725.2	639.5	536.0	411.5	276.7	170.2	106.4	82.5	73.6
-27.5°	780.6	717.6	639.4	547.6	433.8	310.4	201.5	118.5	89.6	77.8	71.2
-30°	688.7	618.4	534.9	434.0	322.4	217.4	132.8	98.9	81.1	73.4	68.7
-32.5°	576.0	500.0	412.6	311.1	218.0	140.7	103.9	83.1	75.4	70.4	66.0
-35°	443.6	365.5	275.0	201.2	133.5	104.3	84.2	76.9	71.6	67.3	63.1
-37.5°	291.1	223.3	168.1	118.2	99.6	84.0	77.5	72.3	68.1	64.2	60.2
-40°	169.7	121.9	105.8	90.3	82.1	76.7	72.4	68.4	64.7	61.0	57.2
-42.5°	103.5	91.1	83.2	78.6	74.4	71.4	68.1	64.7	61.2	57.7	54.1
-45°	80.7	77.5	74.0	71.9	69.3	66.7	63.9	60.8	57.5	54.2	50.8
-47.5°	72.0	70.5	68.7	66.8	64.5	62.1	59.5	56.7	53.8	50.7	47.4
-50°	66.2	64.4	62.8	61.5	59.5	57.2	54.9	52.7	49.9	46.9	43.8
-52.5°	58.4	57.5	56.6	55.5	54.0	52.0	50.1	48.1	45.7	42.8	39.9
-55°	51.7	51.0	50.4	49.4	48.1	46.5	44.9	43.2	41.1	38.4	36.0
-57.5°	46.2	45.3	44.6	43.6	42.2	40.9	39.7	38.1	36.3	34.0	32.1
-60°	41.2	40.2	39.3	38.3	37.0	35.8	34.7	33.1	31.3	29.7	28.1
-62.5°	35.5	35.1	34.0	32.8	31.9	31.2	29.8	28.2	26.9	25.7	24.2
-65°	28.4	27.5	26.9	26.8	26.3	25.2	24.1	23.3	22.6	21.5	20.3
-67.5°	23.1	22.7	22.3	21.8	21.2	20.5	20.0	19.3	18.5	17.4	16.5
-70°	19.6	19.4	19.0	18.4	17.9	17.3	16.7	15.9	14.8	13.5	12.7
-72.5°	16.5	16.3	16.0	15.6	15.1	14.6	13.9	12.9	11.5	10.0	9.2
-75°	13.6	13.5	13.3	12.9	12.5	12.1	11.4	10.2	8.9	7.6	6.9
-77.5°	10.5	10.5	10.4	10.2	9.9	9.7	9.2	8.0	6.8	5.7	5.1
-80°	7.0	7.1	7.1	7.0	6.8	6.7	6.3	5.5	4.7	4.1	3.6
-82.5°	4.1	4.0	3.8	3.8	3.8	3.8	3.7	3.3	2.9	2.5	2.2
-85°	1.5	1.4	1.3	1.4	1.5	1.6	1.7	1.5	1.3	1.2	1.0
-87.5°	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
-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: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-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	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4
85°	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
82.5°	2.3	2.3	2.4	2.4	2.2	2.1	1.9	1.7	1.5	1.3	1.1
80°	3.9	4.0	4.0	3.9	3.6	3.2	2.9	2.7	2.5	2.2	1.8
77.5°	5.5	5.8	5.9	5.7	5.2	4.7	4.2	3.8	3.5	3.2	2.7
75°	7.2	7.6	7.8	7.7	7.0	6.2	5.6	5.1	4.7	4.1	3.6
72.5°	9.4	9.6	9.8	9.7	9.1	8.3	7.3	6.4	5.9	5.3	4.6
70°	12.2	11.7	11.6	11.5	11.1	10.5	9.4	8.2	7.2	6.5	5.7
67.5°	15.7	15.0	14.2	13.4	13.0	12.4	11.6	10.1	8.8	7.7	6.8
65°	19.2	18.2	17.3	16.1	15.1	14.4	13.5	11.9	10.3	9.0	7.9
62.5°	22.7	21.3	20.0	18.7	17.4	16.3	15.4	13.6	11.8	10.2	8.9
60°	26.4	24.7	22.8	21.1	19.6	18.2	17.0	15.3	13.3	11.3	9.8
57.5°	30.2	28.1	25.8	23.7	21.8	20.1	18.5	16.8	14.8	12.6	10.7
55°	33.9	31.6	28.9	26.3	24.1	22.1	20.0	18.1	16.2	13.9	11.3
52.5°	37.2	34.9	32.1	29.0	26.3	24.0	21.7	19.4	17.4	15.2	12.1
50°	40.6	37.7	35.1	32.0	28.6	25.9	23.3	20.9	18.6	16.4	12.8
47.5°	44.2	40.8	37.7	34.8	31.3	27.7	25.0	22.3	19.8	17.4	13.5
45°	47.4	43.9	40.3	37.1	33.8	29.8	26.6	23.7	21.0	17.9	14.1
42.5°	50.4	46.8	43.1	39.4	35.9	31.9	28.2	25.1	22.1	18.3	14.5
40°	53.4	49.5	45.7	41.8	38.0	33.8	29.9	26.4	23.2	18.7	14.7
37.5°	56.2	52.1	48.1	44.1	40.2	35.8	31.4	27.7	23.7	19.1	14.9
35°	58.9	54.6	50.5	46.3	42.2	37.8	32.8	29.0	24.4	19.4	15.0
32.5°	61.4	57.0	52.8	48.5	44.1	39.8	34.4	30.1	25.4	19.6	15.1
30°	63.9	59.4	54.9	50.5	45.9	41.5	36.2	31.2	26.4	19.8	15.1
27.5°	66.3	61.5	56.9	52.4	47.7	43.0	37.9	32.3	27.6	20.2	15.1
25°	68.5	63.6	58.8	54.1	49.3	44.5	39.5	33.4	28.6	21.0	15.2
22.5°	70.6	65.4	60.5	55.7	50.9	45.9	40.8	34.7	29.4	21.9	15.2
20°	72.4	67.0	62.1	57.4	52.4	47.3	42.0	35.9	30.2	22.7	15.1
17.5°	74.3	68.8	63.9	58.9	53.8	48.5	43.1	36.9	30.9	23.6	14.9
15°	77.2	70.6	65.5	60.4	55.0	49.6	44.0	37.9	31.6	24.4	14.9
12.5°	79.9	72.3	67.0	61.8	56.2	50.6	44.9	38.7	32.2	24.9	15.0
10°	82.1	73.8	68.3	63.0	57.2	51.4	45.7	39.4	32.6	25.2	14.9
7.5°	83.9	75.0	69.5	64.1	58.1	52.2	46.4	40.0	33.1	25.2	14.8
5°	85.5	76.4	70.9	65.3	59.3	53.0	47.0	40.4	33.6	25.1	14.6
2.5°	87.2	78.1	72.4	66.4	60.3	53.7	47.5	40.7	33.9	24.7	14.4
0°	88.6	79.5	73.8	67.3	61.1	54.2	47.8	40.9	34.1	24.2	14.1
-2.5°	87.2	78.1	72.4	66.4	60.3	53.7	47.5	40.7	33.9	24.7	14.4
-5°	85.5	76.4	70.9	65.3	59.3	53.0	47.0	40.4	33.6	25.1	14.6
-7.5°	83.9	75.0	69.5	64.1	58.1	52.2	46.4	40.0	33.1	25.2	14.8
-10°	82.1	73.8	68.3	63.0	57.2	51.4	45.7	39.4	32.6	25.2	14.9
-12.5°	79.9	72.3	67.0	61.8	56.2	50.6	44.9	38.7	32.2	24.9	15.0
-15°	77.2	70.6	65.5	60.4	55.0	49.6	44.0	37.9	31.6	24.4	14.9
-17.5°	74.3	68.8	63.9	58.9	53.8	48.5	43.1	36.9	30.9	23.6	14.9
-20°	72.4	67.0	62.1	57.4	52.4	47.3	42.0	35.9	30.2	22.7	15.1



REPORT NUMBER: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-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°	70.6	65.4	60.5	55.7	50.9	45.9	40.8	34.7	29.4	21.9	15.2
-25°	68.5	63.6	58.8	54.1	49.3	44.5	39.5	33.4	28.6	21.0	15.2
-27.5°	66.3	61.5	56.9	52.4	47.7	43.0	37.9	32.3	27.6	20.2	15.1
-30°	63.9	59.4	54.9	50.5	45.9	41.5	36.2	31.2	26.4	19.8	15.1
-32.5°	61.4	57.0	52.8	48.5	44.1	39.8	34.4	30.1	25.4	19.6	15.1
-35°	58.9	54.6	50.5	46.3	42.2	37.8	32.8	29.0	24.4	19.4	15.0
-37.5°	56.2	52.1	48.1	44.1	40.2	35.8	31.4	27.7	23.7	19.1	14.9
-40°	53.4	49.5	45.7	41.8	38.0	33.8	29.9	26.4	23.2	18.7	14.7
-42.5°	50.4	46.8	43.1	39.4	35.9	31.9	28.2	25.1	22.1	18.3	14.5
-45°	47.4	43.9	40.3	37.1	33.8	29.8	26.6	23.7	21.0	17.9	14.1
-47.5°	44.2	40.8	37.7	34.8	31.3	27.7	25.0	22.3	19.8	17.4	13.5
-50°	40.6	37.7	35.1	32.0	28.6	25.9	23.3	20.9	18.6	16.4	12.8
-52.5°	37.2	34.9	32.1	29.0	26.3	24.0	21.7	19.4	17.4	15.2	12.1
-55°	33.9	31.6	28.9	26.3	24.1	22.1	20.0	18.1	16.2	13.9	11.3
-57.5°	30.2	28.1	25.8	23.7	21.8	20.1	18.5	16.8	14.8	12.6	10.7
-60°	26.4	24.7	22.8	21.1	19.6	18.2	17.0	15.3	13.3	11.3	9.8
-62.5°	22.7	21.3	20.0	18.7	17.4	16.3	15.4	13.6	11.8	10.2	8.9
-65°	19.2	18.2	17.3	16.1	15.1	14.4	13.5	11.9	10.3	9.0	7.9
-67.5°	15.7	15.0	14.2	13.4	13.0	12.4	11.6	10.1	8.8	7.7	6.8
-70°	12.2	11.7	11.6	11.5	11.1	10.5	9.4	8.2	7.2	6.5	5.7
-72.5°	9.4	9.6	9.8	9.7	9.1	8.3	7.3	6.4	5.9	5.3	4.6
-75°	7.2	7.6	7.8	7.7	7.0	6.2	5.6	5.1	4.7	4.1	3.6
-77.5°	5.5	5.8	5.9	5.7	5.2	4.7	4.2	3.8	3.5	3.2	2.7
-80°	3.9	4.0	4.0	3.9	3.6	3.2	2.9	2.7	2.5	2.2	1.8
-82.5°	2.3	2.3	2.4	2.4	2.2	2.1	1.9	1.7	1.5	1.3	1.1
-85°	1.1	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.8	0.8
-87.5°	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	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: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-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°	0.3	0.3	0.2	0.1	0.1	0.0	0.0
85°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
82.5°	1.0	0.8	0.6	0.4	0.2	0.1	0.0
80°	1.4	1.0	0.8	0.5	0.3	0.2	0.0
77.5°	2.2	1.4	0.9	0.6	0.4	0.2	0.0
75°	3.0	2.0	1.2	0.8	0.5	0.2	0.0
72.5°	3.7	2.6	1.6	0.9	0.5	0.3	0.0
70°	4.5	3.2	2.1	1.0	0.6	0.3	0.0
67.5°	5.4	3.8	2.5	1.3	0.7	0.3	0.0
65°	6.2	4.4	2.9	1.6	0.8	0.4	0.0
62.5°	7.0	5.0	3.3	1.9	0.8	0.4	0.0
60°	7.8	5.6	3.7	2.2	0.9	0.4	0.0
57.5°	8.3	6.2	4.1	2.4	1.1	0.5	0.0
55°	8.8	6.7	4.5	2.7	1.2	0.5	0.0
52.5°	9.2	7.2	4.9	2.9	1.4	0.5	0.0
50°	9.5	7.4	5.2	3.1	1.5	0.6	0.0
47.5°	9.8	7.6	5.5	3.3	1.7	0.6	0.0
45°	10.3	7.7	5.8	3.6	1.8	0.6	0.0
42.5°	10.7	7.8	6.1	3.8	2.0	0.7	0.0
40°	11.0	7.9	6.2	4.0	2.1	0.7	0.0
37.5°	11.3	7.9	6.3	4.2	2.2	0.7	0.0
35°	11.4	8.0	6.3	4.4	2.3	0.7	0.0
32.5°	11.5	8.1	6.2	4.6	2.4	0.8	0.0
30°	11.5	8.2	6.2	4.8	2.5	0.8	0.0
27.5°	11.4	8.2	6.3	5.0	2.6	0.8	0.0
25°	11.3	8.2	6.3	5.2	2.7	0.8	0.0
22.5°	11.1	8.2	6.4	5.4	2.7	0.8	0.0
20°	10.9	8.4	6.5	5.5	2.8	0.8	0.0
17.5°	10.9	8.6	6.5	5.7	2.9	0.9	0.0
15°	11.1	8.8	6.5	5.8	2.9	0.9	0.0
12.5°	11.2	8.9	6.6	6.0	2.9	0.9	0.0
10°	11.3	9.0	6.6	6.1	3.0	0.9	0.0
7.5°	11.4	9.1	6.6	6.2	3.0	0.9	0.0
5°	11.4	9.1	6.6	6.3	3.0	0.9	0.0
2.5°	11.4	9.2	6.6	6.4	3.0	0.9	0.0
0°	11.4	9.2	6.6	6.4	3.0	0.9	0.0
-2.5°	11.4	9.2	6.6	6.4	3.0	0.9	0.0
-5°	11.4	9.1	6.6	6.3	3.0	0.9	0.0
-7.5°	11.4	9.1	6.6	6.2	3.0	0.9	0.0
-10°	11.3	9.0	6.6	6.1	3.0	0.9	0.0
-12.5°	11.2	8.9	6.6	6.0	2.9	0.9	0.0
-15°	11.1	8.8	6.5	5.8	2.9	0.9	0.0
-17.5°	10.9	8.6	6.5	5.7	2.9	0.9	0.0
-20°	10.9	8.4	6.5	5.5	2.8	0.8	0.0



REPORT NUMBER: P558469 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA1A-930-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	11.1	8.2	6.4	5.4	2.7	0.8	0.0
-25°	11.3	8.2	6.3	5.2	2.7	0.8	0.0
-27.5°	11.4	8.2	6.3	5.0	2.6	0.8	0.0
-30°	11.5	8.2	6.2	4.8	2.5	0.8	0.0
-32.5°	11.5	8.1	6.2	4.6	2.4	0.8	0.0
-35°	11.4	8.0	6.3	4.4	2.3	0.7	0.0
-37.5°	11.3	7.9	6.3	4.2	2.2	0.7	0.0
-40°	11.0	7.9	6.2	4.0	2.1	0.7	0.0
-42.5°	10.7	7.8	6.1	3.8	2.0	0.7	0.0
-45°	10.3	7.7	5.8	3.6	1.8	0.6	0.0
-47.5°	9.8	7.6	5.5	3.3	1.7	0.6	0.0
-50°	9.5	7.4	5.2	3.1	1.5	0.6	0.0
-52.5°	9.2	7.2	4.9	2.9	1.4	0.5	0.0
-55°	8.8	6.7	4.5	2.7	1.2	0.5	0.0
-57.5°	8.3	6.2	4.1	2.4	1.1	0.5	0.0
-60°	7.8	5.6	3.7	2.2	0.9	0.4	0.0
-62.5°	7.0	5.0	3.3	1.9	0.8	0.4	0.0
-65°	6.2	4.4	2.9	1.6	0.8	0.4	0.0
-67.5°	5.4	3.8	2.5	1.3	0.7	0.3	0.0
-70°	4.5	3.2	2.1	1.0	0.6	0.3	0.0
-72.5°	3.7	2.6	1.6	0.9	0.5	0.3	0.0
-75°	3.0	2.0	1.2	0.8	0.5	0.2	0.0
-77.5°	2.2	1.4	0.9	0.6	0.4	0.2	0.0
-80°	1.4	1.0	0.8	0.5	0.3	0.2	0.0
-82.5°	1.0	0.8	0.6	0.4	0.2	0.1	0.0
-85°	0.7	0.5	0.4	0.3	0.2	0.1	0.0
-87.5°	0.3	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)