

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: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-AMB-U-TS-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2107-305-2)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 7/30/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GFLD-SA3B-AMB-U-TS-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT N2
Light Source: (48) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

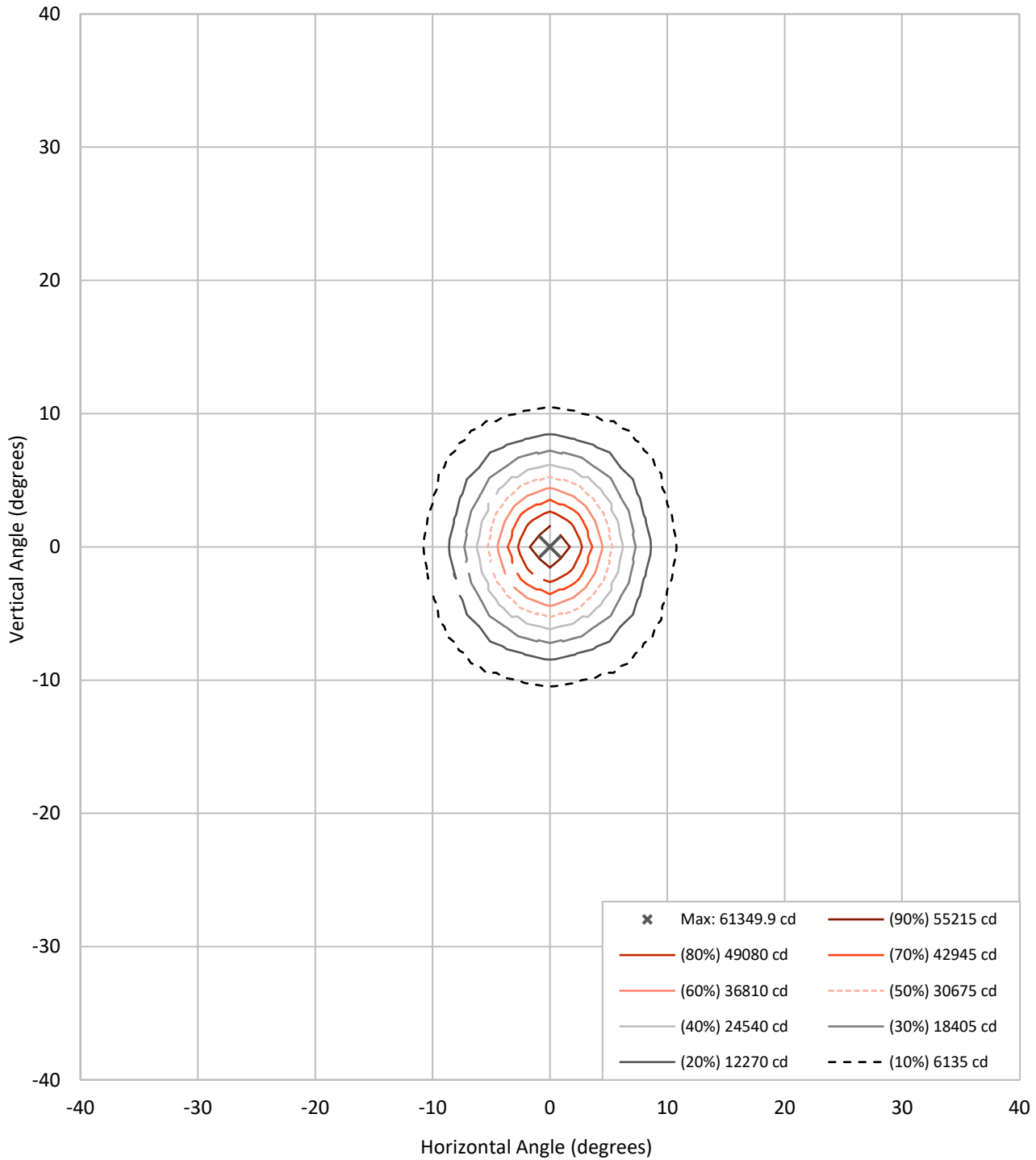
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	3306.9 lumens	Max Intensity:	61349.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	55.2 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	10.5°H x 10.4°V	Field Angle (10%):	21.6°H x 21°V
Beam Lumens:	993.9 lumens	Field Lumens:	2297.7 lumens
Beam Efficiency:	30.1%	Field Efficiency:	69.5%

Input Watts (W): 59.9
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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CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-BK

Iso-Candela Plot





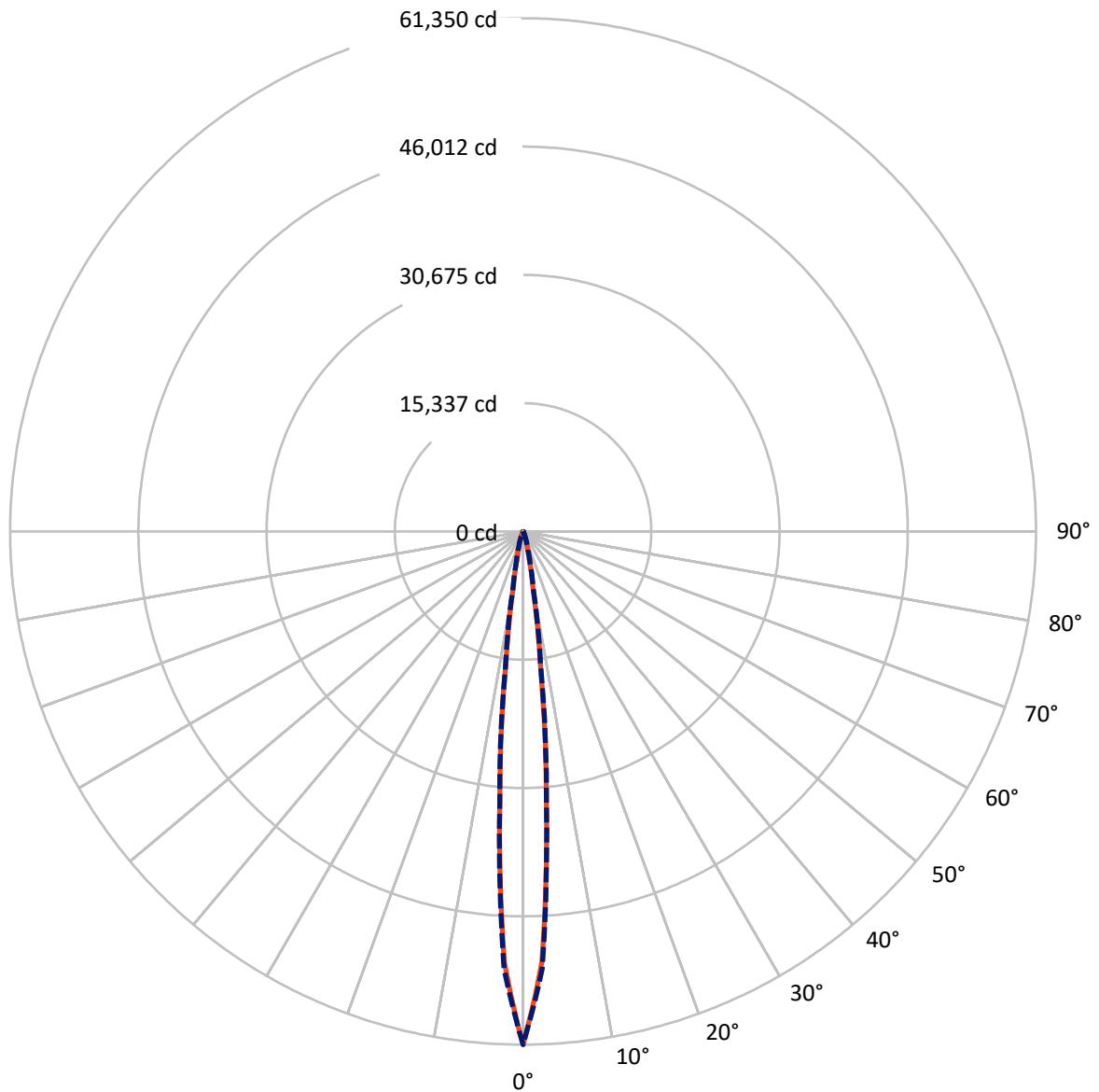
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Lumen Table

90																			
80	0.0	0.4		1.1		1.8		2.0		1.8		1.1		0.4		0.0			
70																			
60	0.2	0.2	0.5	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.2	1.0	0.7	0.5	0.2	0.2			
50		0.3	0.7	1.0	1.3	1.5	1.6	1.7	1.7	1.6	1.5	1.3	1.0	0.7	0.3				
40	0.3	0.4	0.8	1.1	1.4	1.6	1.9	2.0	2.0	1.9	1.6	1.4	1.1	0.8	0.4	0.3			
30		0.5	0.9	1.2	1.6	2.1	2.8	3.2	3.2	2.8	2.1	1.6	1.2	0.9	0.5				
20	0.5	0.6	1.0	1.3	1.9	2.9	5.1	8.9	8.9	5.1	2.9	1.9	1.3	1.0	0.6	0.5			
10		0.6	1.0	1.4	2.4	4.8	23.4	65.5	65.5	23.4	4.8	2.4	1.4	1.0	0.6				
0	0.5	0.6	1.0	1.5	2.6	8.5	67.8	582.3	582.3	67.8	8.5	2.6	1.5	1.0	0.6	0.5			
-10		0.6	1.0	1.5	2.6	8.5	67.8	582.3	582.3	67.8	8.5	2.6	1.5	1.0	0.6				
-20	0.5	0.6	1.0	1.4	2.4	4.8	23.4	65.5	65.5	23.4	4.8	2.4	1.4	1.0	0.6	0.5			
-30		0.6	1.0	1.3	1.9	2.9	5.1	8.9	8.9	5.1	2.9	1.9	1.3	1.0	0.6				
-40	0.3	0.5	0.9	1.2	1.6	2.1	2.8	3.2	3.2	2.8	2.1	1.6	1.2	0.9	0.5	0.3			
-50		0.4	0.8	1.1	1.4	1.6	1.9	2.0	2.0	1.9	1.6	1.4	1.1	0.8	0.4				
-60	0.2	0.3	0.7	1.0	1.3	1.5	1.6	1.7	1.7	1.6	1.5	1.3	1.0	0.7	0.3	0.2			
-70		0.2	0.5	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.2	1.0	0.7	0.5	0.2				
-80	0.0	0.4		1.1		1.8		2.0		1.8		1.1		0.4		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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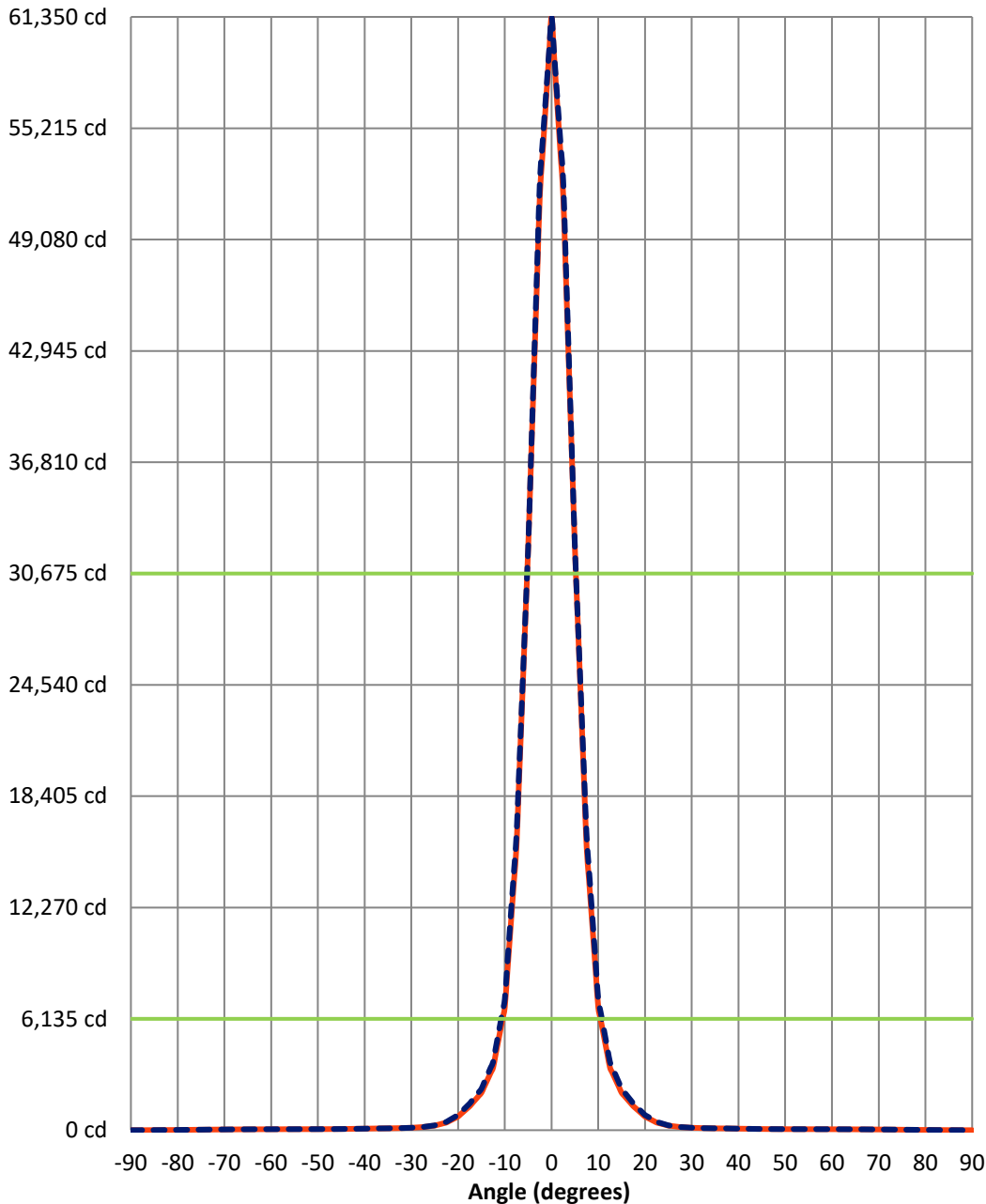
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
H Angle: 10.5°
V Angle: 10.4°
Lumens: 993.9
Efficiency: 30.1%

Field:
H Angle: 21.6°
V Angle: 21°
Lumens: 2297.7
Efficiency: 69.5%

Spill:
Lumens: 1009.2
Efficiency: 30.5%

— 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	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.6	3.1
80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.8	3.4	4.1	4.7
77.5°	0.0	0.4	0.9	1.3	1.7	2.3	3.1	4.0	4.8	5.6	6.4
75°	0.0	0.5	1.0	1.5	2.1	3.1	4.1	5.1	6.1	7.1	8.0
72.5°	0.0	0.6	1.2	1.8	2.8	4.0	5.1	6.3	7.4	8.6	9.7
70°	0.0	0.7	1.4	2.1	3.4	4.8	6.1	7.4	8.7	10.0	11.6
67.5°	0.0	0.8	1.5	2.6	4.1	5.6	7.1	8.6	10.0	11.8	13.6
65°	0.0	0.8	1.7	3.1	4.7	6.4	8.0	9.7	11.6	13.6	15.8
62.5°	0.0	0.9	1.8	3.5	5.4	7.2	9.0	11.0	13.2	15.5	18.5
60°	0.0	1.0	2.0	4.0	6.0	7.9	9.9	12.3	14.7	17.9	21.2
57.5°	0.0	1.1	2.3	4.4	6.6	8.7	11.0	13.6	16.6	20.2	23.5
55°	0.0	1.1	2.6	4.9	7.1	9.4	12.1	14.9	18.7	22.4	25.7
52.5°	0.0	1.2	2.9	5.3	7.7	10.1	13.1	16.5	20.6	24.3	27.8
50°	0.0	1.3	3.1	5.7	8.3	11.0	14.2	18.1	22.5	26.2	30.1
47.5°	0.0	1.4	3.4	6.1	8.8	11.8	15.2	19.7	24.1	28.0	32.5
45°	0.0	1.4	3.7	6.5	9.3	12.6	16.4	21.2	25.6	30.0	34.7
42.5°	0.0	1.5	3.9	6.8	9.8	13.4	17.6	22.5	27.0	31.9	36.5
40°	0.0	1.5	4.1	7.2	10.3	14.1	18.7	23.7	28.5	33.7	38.2
37.5°	0.0	1.6	4.3	7.5	10.8	14.8	19.8	24.9	30.0	35.3	39.9
35°	0.0	1.6	4.6	7.8	11.4	15.5	20.7	26.1	31.4	36.7	41.4
32.5°	0.0	1.7	4.7	8.1	11.8	16.3	21.6	27.2	32.7	37.9	42.3
30°	0.0	1.7	4.9	8.4	12.3	17.0	22.5	28.2	33.8	39.1	43.3
27.5°	0.0	1.8	5.1	8.6	12.7	17.6	23.3	29.2	34.8	40.2	44.2
25°	0.0	1.8	5.2	8.9	13.1	18.2	24.1	30.0	35.7	41.0	45.0
22.5°	0.0	1.8	5.4	9.1	13.5	18.7	24.8	30.8	36.5	41.7	45.8
20°	0.0	1.9	5.5	9.3	13.8	19.3	25.4	31.5	37.2	42.3	46.4
17.5°	0.0	1.9	5.6	9.4	14.1	19.8	26.0	32.0	37.8	42.9	47.0
15°	0.0	1.9	5.7	9.6	14.3	20.2	26.6	32.6	38.3	43.4	47.5
12.5°	0.0	2.0	5.8	9.7	14.5	20.7	27.0	33.2	38.8	43.9	48.0
10°	0.0	2.0	5.9	9.8	14.7	21.1	27.4	33.7	39.3	44.3	48.4
7.5°	0.0	2.0	5.9	9.9	14.8	21.4	27.7	34.1	39.6	44.6	48.6
5°	0.0	2.0	6.0	10.0	14.9	21.6	27.9	34.5	39.8	44.8	48.8
2.5°	0.0	2.0	6.0	10.0	15.0	21.9	28.0	34.8	40.0	45.0	49.0
0°	0.0	2.0	6.0	10.0	15.0	21.9	28.0	34.8	40.0	45.0	49.0
-2.5°	0.0	2.0	6.0	10.0	15.0	21.9	28.0	34.8	40.0	45.0	49.0
-5°	0.0	2.0	6.0	10.0	14.9	21.6	27.9	34.5	39.8	44.8	48.8
-7.5°	0.0	2.0	5.9	9.9	14.8	21.4	27.7	34.1	39.6	44.6	48.6
-10°	0.0	2.0	5.9	9.8	14.7	21.1	27.4	33.7	39.3	44.3	48.4
-12.5°	0.0	2.0	5.8	9.7	14.5	20.7	27.0	33.2	38.8	43.9	48.0
-15°	0.0	1.9	5.7	9.6	14.3	20.2	26.6	32.6	38.3	43.4	47.5
-17.5°	0.0	1.9	5.6	9.4	14.1	19.8	26.0	32.0	37.8	42.9	47.0
-20°	0.0	1.9	5.5	9.3	13.8	19.3	25.4	31.5	37.2	42.3	46.4



REPORT NUMBER: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	1.8	5.4	9.1	13.5	18.7	24.8	30.8	36.5	41.7	45.8
-25°	0.0	1.8	5.2	8.9	13.1	18.2	24.1	30.0	35.7	41.0	45.0
-27.5°	0.0	1.8	5.1	8.6	12.7	17.6	23.3	29.2	34.8	40.2	44.2
-30°	0.0	1.7	4.9	8.4	12.3	17.0	22.5	28.2	33.8	39.1	43.3
-32.5°	0.0	1.7	4.7	8.1	11.8	16.3	21.6	27.2	32.7	37.9	42.3
-35°	0.0	1.6	4.6	7.8	11.4	15.5	20.7	26.1	31.4	36.7	41.4
-37.5°	0.0	1.6	4.3	7.5	10.8	14.8	19.8	24.9	30.0	35.3	39.9
-40°	0.0	1.5	4.1	7.2	10.3	14.1	18.7	23.7	28.5	33.7	38.2
-42.5°	0.0	1.5	3.9	6.8	9.8	13.4	17.6	22.5	27.0	31.9	36.5
-45°	0.0	1.4	3.7	6.5	9.3	12.6	16.4	21.2	25.6	30.0	34.7
-47.5°	0.0	1.4	3.4	6.1	8.8	11.8	15.2	19.7	24.1	28.0	32.5
-50°	0.0	1.3	3.1	5.7	8.3	11.0	14.2	18.1	22.5	26.2	30.1
-52.5°	0.0	1.2	2.9	5.3	7.7	10.1	13.1	16.5	20.6	24.3	27.8
-55°	0.0	1.1	2.6	4.9	7.1	9.4	12.1	14.9	18.7	22.4	25.7
-57.5°	0.0	1.1	2.3	4.4	6.6	8.7	11.0	13.6	16.6	20.2	23.5
-60°	0.0	1.0	2.0	4.0	6.0	7.9	9.9	12.3	14.7	17.9	21.2
-62.5°	0.0	0.9	1.8	3.5	5.4	7.2	9.0	11.0	13.2	15.5	18.5
-65°	0.0	0.8	1.7	3.1	4.7	6.4	8.0	9.7	11.6	13.6	15.8
-67.5°	0.0	0.8	1.5	2.6	4.1	5.6	7.1	8.6	10.0	11.8	13.6
-70°	0.0	0.7	1.4	2.1	3.4	4.8	6.1	7.4	8.7	10.0	11.6
-72.5°	0.0	0.6	1.2	1.8	2.8	4.0	5.1	6.3	7.4	8.6	9.7
-75°	0.0	0.5	1.0	1.5	2.1	3.1	4.1	5.1	6.1	7.1	8.0
-77.5°	0.0	0.4	0.9	1.3	1.7	2.3	3.1	4.0	4.8	5.6	6.4
-80°	0.0	0.3	0.7	1.0	1.4	1.7	2.1	2.8	3.4	4.1	4.7
-82.5°	0.0	0.3	0.5	0.8	1.0	1.3	1.5	1.8	2.1	2.6	3.1
-85°	0.0	0.2	0.3	0.5	0.7	0.9	1.0	1.2	1.4	1.5	1.7
-87.5°	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8
-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-SA3B-AMB-U-TS-BK

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°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
85°	1.8	2.0	2.2	2.4	2.6	2.9	3.1	3.2	3.4	3.6	3.8
82.5°	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.6	6.0	6.5	6.9
80°	5.2	5.5	6.0	6.5	7.1	7.8	8.5	9.1	9.7	10.3	11.0
77.5°	7.0	7.7	8.5	9.3	10.2	11.2	12.2	13.1	14.0	14.9	15.7
75°	8.9	9.9	11.1	12.5	13.8	15.0	16.2	17.3	18.4	19.4	20.4
72.5°	11.0	12.5	14.0	15.7	17.3	18.7	20.1	21.5	22.8	24.1	25.4
70°	13.2	15.0	17.1	19.1	20.8	22.5	24.2	25.7	27.1	28.8	30.2
67.5°	15.6	18.1	20.4	22.5	24.7	26.7	28.4	29.9	31.3	33.0	34.4
65°	18.5	21.2	23.6	26.1	28.7	30.6	32.3	34.0	35.3	36.9	38.6
62.5°	21.5	24.1	26.8	29.6	32.1	34.3	35.9	37.5	38.9	40.5	42.1
60°	24.0	26.9	29.9	32.9	35.4	37.4	39.1	40.7	42.3	44.0	45.0
57.5°	26.5	29.7	33.1	35.9	38.2	40.3	41.9	43.7	45.1	46.2	47.3
55°	29.0	32.7	35.9	38.4	40.7	42.6	44.5	46.0	47.3	48.3	49.6
52.5°	31.7	35.4	38.2	40.8	43.1	45.0	46.8	48.3	49.4	50.5	51.7
50°	34.3	37.6	40.4	43.1	45.2	47.1	48.9	50.2	51.5	52.7	53.5
47.5°	36.5	39.7	42.6	45.2	47.0	49.0	50.7	52.1	53.5	54.1	54.9
45°	38.4	41.6	44.7	46.7	48.7	50.8	52.4	54.0	54.5	55.2	55.8
42.5°	40.3	43.4	46.1	48.0	50.5	52.3	53.9	54.6	55.3	56.2	56.7
40°	41.9	45.0	47.4	49.7	52.1	53.5	54.7	55.5	56.5	57.1	57.5
37.5°	43.3	46.2	48.7	51.3	53.1	54.5	55.5	56.7	57.5	57.9	58.5
35°	44.5	47.5	50.1	52.4	53.9	55.4	56.6	57.7	58.2	58.6	59.6
32.5°	45.7	48.7	51.2	53.1	54.7	56.3	57.7	58.3	58.8	59.5	61.4
30°	46.7	49.7	52.2	53.8	55.5	57.1	58.3	58.9	59.5	61.0	63.8
27.5°	47.7	50.6	52.8	54.5	56.1	57.8	58.7	59.5	60.6	62.6	66.5
25°	48.6	51.3	53.3	55.1	56.8	58.3	59.1	59.9	61.5	64.9	70.1
22.5°	49.3	52.0	53.8	55.6	57.4	58.6	59.4	60.6	62.8	67.1	73.8
20°	49.9	52.4	54.3	56.1	57.9	58.9	59.8	61.3	64.5	70.2	78.4
17.5°	50.4	52.8	54.7	56.4	58.0	59.1	60.1	61.9	65.8	73.1	83.0
15°	50.8	53.1	55.0	56.7	58.0	59.2	60.5	62.9	67.5	76.1	87.1
12.5°	51.2	53.4	55.3	56.8	58.0	59.3	60.8	63.7	69.7	79.3	91.2
10°	51.5	53.6	55.6	56.9	58.0	59.5	61.0	64.4	71.3	81.4	93.8
7.5°	51.7	53.8	55.7	56.9	57.9	59.7	61.0	65.1	72.5	82.7	95.0
5°	51.9	53.9	55.5	56.9	57.9	59.7	61.0	65.6	73.3	83.2	95.3
2.5°	52.0	54.0	55.3	57.0	58.0	59.4	61.5	65.9	73.8	83.7	95.7
0°	52.0	54.0	55.0	57.0	58.0	59.0	62.0	66.0	74.0	84.0	96.0
-2.5°	52.0	54.0	55.3	57.0	58.0	59.4	61.5	65.9	73.8	83.7	95.7
-5°	51.9	53.9	55.5	56.9	57.9	59.7	61.0	65.6	73.3	83.2	95.3
-7.5°	51.7	53.8	55.7	56.9	57.9	59.7	61.0	65.1	72.5	82.7	95.0
-10°	51.5	53.6	55.6	56.9	58.0	59.5	61.0	64.4	71.3	81.4	93.8
-12.5°	51.2	53.4	55.3	56.8	58.0	59.3	60.8	63.7	69.7	79.3	91.2
-15°	50.8	53.1	55.0	56.7	58.0	59.2	60.5	62.9	67.5	76.1	87.1
-17.5°	50.4	52.8	54.7	56.4	58.0	59.1	60.1	61.9	65.8	73.1	83.0
-20°	49.9	52.4	54.3	56.1	57.9	58.9	59.8	61.3	64.5	70.2	78.4



REPORT NUMBER: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	49.3	52.0	53.8	55.6	57.4	58.6	59.4	60.6	62.8	67.1	73.8
-25°	48.6	51.3	53.3	55.1	56.8	58.3	59.1	59.9	61.5	64.9	70.1
-27.5°	47.7	50.6	52.8	54.5	56.1	57.8	58.7	59.5	60.6	62.6	66.5
-30°	46.7	49.7	52.2	53.8	55.5	57.1	58.3	58.9	59.5	61.0	63.8
-32.5°	45.7	48.7	51.2	53.1	54.7	56.3	57.7	58.3	58.8	59.5	61.4
-35°	44.5	47.5	50.1	52.4	53.9	55.4	56.6	57.7	58.2	58.6	59.6
-37.5°	43.3	46.2	48.7	51.3	53.1	54.5	55.5	56.7	57.5	57.9	58.5
-40°	41.9	45.0	47.4	49.7	52.1	53.5	54.7	55.5	56.5	57.1	57.5
-42.5°	40.3	43.4	46.1	48.0	50.5	52.3	53.9	54.6	55.3	56.2	56.7
-45°	38.4	41.6	44.7	46.7	48.7	50.8	52.4	54.0	54.5	55.2	55.8
-47.5°	36.5	39.7	42.6	45.2	47.0	49.0	50.7	52.1	53.5	54.1	54.9
-50°	34.3	37.6	40.4	43.1	45.2	47.1	48.9	50.2	51.5	52.7	53.5
-52.5°	31.7	35.4	38.2	40.8	43.1	45.0	46.8	48.3	49.4	50.5	51.7
-55°	29.0	32.7	35.9	38.4	40.7	42.6	44.5	46.0	47.3	48.3	49.6
-57.5°	26.5	29.7	33.1	35.9	38.2	40.3	41.9	43.7	45.1	46.2	47.3
-60°	24.0	26.9	29.9	32.9	35.4	37.4	39.1	40.7	42.3	44.0	45.0
-62.5°	21.5	24.1	26.8	29.6	32.1	34.3	35.9	37.5	38.9	40.5	42.1
-65°	18.5	21.2	23.6	26.1	28.7	30.6	32.3	34.0	35.3	36.9	38.6
-67.5°	15.6	18.1	20.4	22.5	24.7	26.7	28.4	29.9	31.3	33.0	34.4
-70°	13.2	15.0	17.1	19.1	20.8	22.5	24.2	25.7	27.1	28.8	30.2
-72.5°	11.0	12.5	14.0	15.7	17.3	18.7	20.1	21.5	22.8	24.1	25.4
-75°	8.9	9.9	11.1	12.5	13.8	15.0	16.2	17.3	18.4	19.4	20.4
-77.5°	7.0	7.7	8.5	9.3	10.2	11.2	12.2	13.1	14.0	14.9	15.7
-80°	5.2	5.5	6.0	6.5	7.1	7.8	8.5	9.1	9.7	10.3	11.0
-82.5°	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.6	6.0	6.5	6.9
-85°	1.8	2.0	2.2	2.4	2.6	2.9	3.1	3.2	3.4	3.6	3.8
-87.5°	0.9	1.0	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.5	1.6
-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: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-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°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
85°	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9
82.5°	7.3	7.6	8.0	8.3	8.6	8.9	9.1	9.3	9.5	9.4	9.3
80°	11.6	12.1	12.5	12.9	13.1	13.5	13.8	14.1	14.3	14.5	14.7
77.5°	16.5	17.1	17.5	17.9	18.2	18.7	19.2	19.6	20.0	20.3	20.5
75°	21.4	22.1	22.9	23.5	24.1	24.7	25.4	26.0	26.5	27.0	27.3
72.5°	26.8	28.0	28.8	29.4	30.0	30.7	31.4	32.0	32.5	33.0	33.3
70°	31.5	32.5	33.4	34.4	35.3	36.2	37.0	37.7	38.3	38.7	38.9
67.5°	35.8	37.2	38.5	39.6	40.5	41.1	41.7	42.2	42.7	43.1	43.4
65°	40.2	41.4	42.4	43.2	44.0	44.8	45.4	46.0	46.5	47.0	47.4
62.5°	43.5	44.5	45.4	46.3	47.3	48.3	48.9	49.4	49.8	50.1	50.1
60°	46.0	46.9	48.2	49.3	50.3	51.0	51.4	51.8	52.1	52.3	52.2
57.5°	48.6	50.0	51.2	51.8	52.3	52.8	53.3	53.7	54.0	54.3	54.2
55°	51.0	52.0	52.8	53.5	54.1	54.6	55.1	55.4	55.6	55.6	55.5
52.5°	52.9	53.7	54.5	55.1	55.8	56.4	56.9	56.9	56.8	56.6	56.5
50°	54.4	55.2	56.0	56.8	57.3	57.6	57.9	57.9	57.8	57.7	57.5
47.5°	55.5	56.3	57.0	57.7	58.1	58.4	58.8	58.9	59.1	59.2	59.3
45°	56.2	56.9	57.7	58.5	58.9	59.6	60.3	60.8	61.7	62.6	63.3
42.5°	57.0	57.9	58.8	59.7	60.5	61.9	63.7	65.4	67.2	69.3	71.2
40°	58.2	59.2	60.2	61.6	63.9	66.2	69.8	73.0	76.1	79.4	82.1
37.5°	59.5	60.7	62.8	65.5	69.5	73.7	77.9	82.5	87.1	91.0	95.0
35°	61.2	63.7	66.7	71.8	76.6	81.1	86.2	91.9	97.1	101.2	104.7
32.5°	64.1	67.6	73.0	78.3	83.5	89.2	94.9	99.8	103.5	107.6	111.4
30°	67.5	73.1	78.9	84.8	91.5	97.2	102.0	107.0	111.8	116.8	123.1
27.5°	72.1	78.3	84.8	92.3	98.2	103.4	109.3	116.5	126.5	134.1	145.9
25°	76.8	83.9	91.5	98.5	104.1	109.8	120.9	134.1	150.4	170.8	193.7
22.5°	82.3	90.4	97.7	104.0	110.7	122.4	138.6	163.7	194.8	238.4	295.1
20°	88.1	96.7	102.7	109.8	121.3	138.3	168.9	212.9	279.8	378.0	474.6
17.5°	93.3	100.9	107.1	115.8	133.2	163.0	213.2	302.3	425.6	621.9	806.3
15°	98.4	104.4	110.8	125.4	149.2	196.5	284.2	430.1	678.8	977.4	1339.2
12.5°	101.9	107.5	115.3	133.7	170.7	241.5	386.8	634.0	987.7	1505.8	1998.1
10°	103.7	110.2	121.8	145.3	195.8	302.8	490.8	831.1	1383.3	2070.9	2873.2
7.5°	104.1	111.9	126.9	156.8	220.1	365.0	632.5	1068.2	1745.3	2613.4	3923.0
5°	104.4	113.5	130.8	166.6	244.4	412.9	736.1	1268.2	2027.4	3118.3	5237.1
2.5°	104.2	114.2	133.3	174.1	259.8	447.0	808.1	1406.7	2203.6	3541.8	6568.1
0°	103.0	113.0	134.0	177.0	266.0	458.0	838.1	1475.1	2278.2	3758.3	7210.7
-2.5°	104.2	114.2	133.3	174.1	259.8	447.0	808.1	1406.7	2203.6	3541.8	6568.1
-5°	104.4	113.5	130.8	166.6	244.4	412.9	736.1	1268.2	2027.4	3118.3	5237.1
-7.5°	104.1	111.9	126.9	156.8	220.1	365.0	632.5	1068.2	1745.3	2613.4	3923.0
-10°	103.7	110.2	121.8	145.3	195.8	302.8	490.8	831.1	1383.3	2070.9	2873.2
-12.5°	101.9	107.5	115.3	133.7	170.7	241.5	386.8	634.0	987.7	1505.8	1998.1
-15°	98.4	104.4	110.8	125.4	149.2	196.5	284.2	430.1	678.8	977.4	1339.2
-17.5°	93.3	100.9	107.1	115.8	133.2	163.0	213.2	302.3	425.6	621.9	806.3
-20°	88.1	96.7	102.7	109.8	121.3	138.3	168.9	212.9	279.8	378.0	474.6



REPORT NUMBER: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	82.3	90.4	97.7	104.0	110.7	122.4	138.6	163.7	194.8	238.4	295.1
-25°	76.8	83.9	91.5	98.5	104.1	109.8	120.9	134.1	150.4	170.8	193.7
-27.5°	72.1	78.3	84.8	92.3	98.2	103.4	109.3	116.5	126.5	134.1	145.9
-30°	67.5	73.1	78.9	84.8	91.5	97.2	102.0	107.0	111.8	116.8	123.1
-32.5°	64.1	67.6	73.0	78.3	83.5	89.2	94.9	99.8	103.5	107.6	111.4
-35°	61.2	63.7	66.7	71.8	76.6	81.1	86.2	91.9	97.1	101.2	104.7
-37.5°	59.5	60.7	62.8	65.5	69.5	73.7	77.9	82.5	87.1	91.0	95.0
-40°	58.2	59.2	60.2	61.6	63.9	66.2	69.8	73.0	76.1	79.4	82.1
-42.5°	57.0	57.9	58.8	59.7	60.5	61.9	63.7	65.4	67.2	69.3	71.2
-45°	56.2	56.9	57.7	58.5	58.9	59.6	60.3	60.8	61.7	62.6	63.3
-47.5°	55.5	56.3	57.0	57.7	58.1	58.4	58.8	58.9	59.1	59.2	59.3
-50°	54.4	55.2	56.0	56.8	57.3	57.6	57.9	57.9	57.8	57.7	57.5
-52.5°	52.9	53.7	54.5	55.1	55.8	56.4	56.9	56.9	56.8	56.6	56.5
-55°	51.0	52.0	52.8	53.5	54.1	54.6	55.1	55.4	55.6	55.6	55.5
-57.5°	48.6	50.0	51.2	51.8	52.3	52.8	53.3	53.7	54.0	54.3	54.2
-60°	46.0	46.9	48.2	49.3	50.3	51.0	51.4	51.8	52.1	52.3	52.2
-62.5°	43.5	44.5	45.4	46.3	47.3	48.3	48.9	49.4	49.8	50.1	50.1
-65°	40.2	41.4	42.4	43.2	44.0	44.8	45.4	46.0	46.5	47.0	47.4
-67.5°	35.8	37.2	38.5	39.6	40.5	41.1	41.7	42.2	42.7	43.1	43.4
-70°	31.5	32.5	33.4	34.4	35.3	36.2	37.0	37.7	38.3	38.7	38.9
-72.5°	26.8	28.0	28.8	29.4	30.0	30.7	31.4	32.0	32.5	33.0	33.3
-75°	21.4	22.1	22.9	23.5	24.1	24.7	25.4	26.0	26.5	27.0	27.3
-77.5°	16.5	17.1	17.5	17.9	18.2	18.7	19.2	19.6	20.0	20.3	20.5
-80°	11.6	12.1	12.5	12.9	13.1	13.5	13.8	14.1	14.3	14.5	14.7
-82.5°	7.3	7.6	8.0	8.3	8.6	8.9	9.1	9.3	9.5	9.4	9.3
-85°	3.9	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.9
-87.5°	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
-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: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
85°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.8	4.7
82.5°	9.1	9.0	9.0	9.0	9.0	9.0	9.1	9.3	9.4	9.5	9.3
80°	14.8	14.9	15.0	15.0	15.0	14.9	14.8	14.7	14.5	14.3	14.1
77.5°	20.7	20.9	21.0	21.0	21.0	20.9	20.7	20.5	20.3	20.0	19.6
75°	27.6	27.8	27.5	27.0	27.5	27.8	27.6	27.3	27.0	26.5	26.0
72.5°	33.6	33.8	34.0	34.0	34.0	33.8	33.6	33.3	33.0	32.5	32.0
70°	38.9	38.9	39.0	39.0	39.0	38.9	38.9	38.9	38.7	38.3	37.7
67.5°	43.6	43.8	44.0	44.0	44.0	43.8	43.6	43.4	43.1	42.7	42.2
65°	47.6	47.8	47.5	47.0	47.5	47.8	47.6	47.4	47.0	46.5	46.0
62.5°	50.1	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	49.8	49.4
60°	52.1	52.0	52.0	52.0	52.0	52.0	52.1	52.2	52.3	52.1	51.8
57.5°	54.1	54.0	54.0	54.0	54.0	54.0	54.1	54.2	54.3	54.0	53.7
55°	55.3	55.0	55.0	55.0	55.0	55.0	55.3	55.5	55.6	55.6	55.4
52.5°	56.3	56.1	56.0	56.0	56.0	56.1	56.3	56.5	56.6	56.8	56.9
50°	57.3	57.1	57.0	57.0	57.0	57.1	57.3	57.5	57.7	57.8	57.9
47.5°	59.6	59.8	59.9	60.0	59.9	59.8	59.6	59.3	59.2	59.1	58.9
45°	64.0	64.6	64.9	65.0	64.9	64.6	64.0	63.3	62.6	61.7	60.8
42.5°	72.9	74.1	74.8	75.0	74.8	74.1	72.9	71.2	69.3	67.2	65.4
40°	83.7	84.5	84.7	85.0	84.7	84.5	83.7	82.1	79.4	76.1	73.0
37.5°	96.8	96.5	95.7	96.0	95.7	96.5	96.8	95.0	91.0	87.1	82.5
35°	106.1	105.4	104.5	103.0	104.5	105.4	106.1	104.7	101.2	97.1	91.9
32.5°	113.6	114.2	114.6	114.0	114.6	114.2	113.6	111.4	107.6	103.5	99.8
30°	128.0	131.2	133.3	134.0	133.3	131.2	128.0	123.1	116.8	111.8	107.0
27.5°	156.8	165.5	171.8	174.0	171.8	165.5	156.8	145.9	134.1	126.5	116.5
25°	216.5	237.8	249.7	252.0	249.7	237.8	216.5	193.7	170.8	150.4	134.1
22.5°	352.5	392.2	415.0	421.0	415.0	392.2	352.5	295.1	238.4	194.8	163.7
20°	604.7	694.5	741.7	752.1	741.7	694.5	604.7	474.6	378.0	279.8	212.9
17.5°	1014.9	1190.4	1289.6	1323.6	1289.6	1190.4	1014.9	806.3	621.9	425.6	302.3
15°	1639.9	1876.7	2039.0	2061.2	2039.0	1876.7	1639.9	1339.2	977.4	678.8	430.1
12.5°	2458.7	2931.3	3315.4	3453.4	3315.4	2931.3	2458.7	1998.1	1505.8	987.7	634.0
10°	3762.5	5043.7	6341.0	6770.7	6341.0	5043.7	3762.5	2873.2	2070.9	1383.3	831.1
7.5°	6211.8	9797.6	13792.7	15637.5	13792.7	9797.6	6211.8	3923.0	2613.4	1745.3	1068.2
5°	9573.3	18379.8	27884.7	32073.1	27884.7	18379.8	9573.3	5237.1	3118.3	2027.4	1268.2
2.5°	13820.6	27908.8	44487.0	51524.5	44487.0	27908.8	13820.6	6568.1	3541.8	2203.6	1406.7
0°	16242.0	32118.1	52333.5	61349.9	52333.5	32118.1	16242.0	7210.7	3758.3	2278.2	1475.1
-2.5°	13820.6	27908.8	44487.0	51524.5	44487.0	27908.8	13820.6	6568.1	3541.8	2203.6	1406.7
-5°	9573.3	18379.8	27884.7	32073.1	27884.7	18379.8	9573.3	5237.1	3118.3	2027.4	1268.2
-7.5°	6211.8	9797.6	13792.7	15637.5	13792.7	9797.6	6211.8	3923.0	2613.4	1745.3	1068.2
-10°	3762.5	5043.7	6341.0	6770.7	6341.0	5043.7	3762.5	2873.2	2070.9	1383.3	831.1
-12.5°	2458.7	2931.3	3315.4	3453.4	3315.4	2931.3	2458.7	1998.1	1505.8	987.7	634.0
-15°	1639.9	1876.7	2039.0	2061.2	2039.0	1876.7	1639.9	1339.2	977.4	678.8	430.1
-17.5°	1014.9	1190.4	1289.6	1323.6	1289.6	1190.4	1014.9	806.3	621.9	425.6	302.3
-20°	604.7	694.5	741.7	752.1	741.7	694.5	604.7	474.6	378.0	279.8	212.9



REPORT NUMBER: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	352.5	392.2	415.0	421.0	415.0	392.2	352.5	295.1	238.4	194.8	163.7
-25°	216.5	237.8	249.7	252.0	249.7	237.8	216.5	193.7	170.8	150.4	134.1
-27.5°	156.8	165.5	171.8	174.0	171.8	165.5	156.8	145.9	134.1	126.5	116.5
-30°	128.0	131.2	133.3	134.0	133.3	131.2	128.0	123.1	116.8	111.8	107.0
-32.5°	113.6	114.2	114.6	114.0	114.6	114.2	113.6	111.4	107.6	103.5	99.8
-35°	106.1	105.4	104.5	103.0	104.5	105.4	106.1	104.7	101.2	97.1	91.9
-37.5°	96.8	96.5	95.7	96.0	95.7	96.5	96.8	95.0	91.0	87.1	82.5
-40°	83.7	84.5	84.7	85.0	84.7	84.5	83.7	82.1	79.4	76.1	73.0
-42.5°	72.9	74.1	74.8	75.0	74.8	74.1	72.9	71.2	69.3	67.2	65.4
-45°	64.0	64.6	64.9	65.0	64.9	64.6	64.0	63.3	62.6	61.7	60.8
-47.5°	59.6	59.8	59.9	60.0	59.9	59.8	59.6	59.3	59.2	59.1	58.9
-50°	57.3	57.1	57.0	57.0	57.0	57.1	57.3	57.5	57.7	57.8	57.9
-52.5°	56.3	56.1	56.0	56.0	56.0	56.1	56.3	56.5	56.6	56.8	56.9
-55°	55.3	55.0	55.0	55.0	55.0	55.0	55.3	55.5	55.6	55.6	55.4
-57.5°	54.1	54.0	54.0	54.0	54.0	54.0	54.1	54.2	54.3	54.0	53.7
-60°	52.1	52.0	52.0	52.0	52.0	52.0	52.1	52.2	52.3	52.1	51.8
-62.5°	50.1	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	49.8	49.4
-65°	47.6	47.8	47.5	47.0	47.5	47.8	47.6	47.4	47.0	46.5	46.0
-67.5°	43.6	43.8	44.0	44.0	44.0	43.8	43.6	43.4	43.1	42.7	42.2
-70°	38.9	38.9	39.0	39.0	39.0	38.9	38.9	38.9	38.7	38.3	37.7
-72.5°	33.6	33.8	34.0	34.0	34.0	33.8	33.6	33.3	33.0	32.5	32.0
-75°	27.6	27.8	27.5	27.0	27.5	27.8	27.6	27.3	27.0	26.5	26.0
-77.5°	20.7	20.9	21.0	21.0	21.0	20.9	20.7	20.5	20.3	20.0	19.6
-80°	14.8	14.9	15.0	15.0	15.0	14.9	14.8	14.7	14.5	14.3	14.1
-82.5°	9.1	9.0	9.0	9.0	9.0	9.0	9.1	9.3	9.4	9.5	9.3
-85°	4.9	5.0	5.0	5.0	5.0	5.0	4.9	4.9	4.9	4.8	4.7
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-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°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
85°	4.6	4.5	4.4	4.3	4.2	4.1	3.9	3.8	3.6	3.4	3.2
82.5°	9.1	8.9	8.6	8.3	8.0	7.6	7.3	6.9	6.5	6.0	5.6
80°	13.8	13.5	13.1	12.9	12.5	12.1	11.6	11.0	10.3	9.7	9.1
77.5°	19.2	18.7	18.2	17.9	17.5	17.1	16.5	15.7	14.9	14.0	13.1
75°	25.4	24.7	24.1	23.5	22.9	22.1	21.4	20.4	19.4	18.4	17.3
72.5°	31.4	30.7	30.0	29.4	28.8	28.0	26.8	25.4	24.1	22.8	21.5
70°	37.0	36.2	35.3	34.4	33.4	32.5	31.5	30.2	28.8	27.1	25.7
67.5°	41.7	41.1	40.5	39.6	38.5	37.2	35.8	34.4	33.0	31.3	29.9
65°	45.4	44.8	44.0	43.2	42.4	41.4	40.2	38.6	36.9	35.3	34.0
62.5°	48.9	48.3	47.3	46.3	45.4	44.5	43.5	42.1	40.5	38.9	37.5
60°	51.4	51.0	50.3	49.3	48.2	46.9	46.0	45.0	44.0	42.3	40.7
57.5°	53.3	52.8	52.3	51.8	51.2	50.0	48.6	47.3	46.2	45.1	43.7
55°	55.1	54.6	54.1	53.5	52.8	52.0	51.0	49.6	48.3	47.3	46.0
52.5°	56.9	56.4	55.8	55.1	54.5	53.7	52.9	51.7	50.5	49.4	48.3
50°	57.9	57.6	57.3	56.8	56.0	55.2	54.4	53.5	52.7	51.5	50.2
47.5°	58.8	58.4	58.1	57.7	57.0	56.3	55.5	54.9	54.1	53.5	52.1
45°	60.3	59.6	58.9	58.5	57.7	56.9	56.2	55.8	55.2	54.5	54.0
42.5°	63.7	61.9	60.5	59.7	58.8	57.9	57.0	56.7	56.2	55.3	54.6
40°	69.8	66.2	63.9	61.6	60.2	59.2	58.2	57.5	57.1	56.5	55.5
37.5°	77.9	73.7	69.5	65.5	62.8	60.7	59.5	58.5	57.9	57.5	56.7
35°	86.2	81.1	76.6	71.8	66.7	63.7	61.2	59.6	58.6	58.2	57.7
32.5°	94.9	89.2	83.5	78.3	73.0	67.6	64.1	61.4	59.5	58.8	58.3
30°	102.0	97.2	91.5	84.8	78.9	73.1	67.5	63.8	61.0	59.5	58.9
27.5°	109.3	103.4	98.2	92.3	84.8	78.3	72.1	66.5	62.6	60.6	59.5
25°	120.9	109.8	104.1	98.5	91.5	83.9	76.8	70.1	64.9	61.5	59.9
22.5°	138.6	122.4	110.7	104.0	97.7	90.4	82.3	73.8	67.1	62.8	60.6
20°	168.9	138.3	121.3	109.8	102.7	96.7	88.1	78.4	70.2	64.5	61.3
17.5°	213.2	163.0	133.2	115.8	107.1	100.9	93.3	83.0	73.1	65.8	61.9
15°	284.2	196.5	149.2	125.4	110.8	104.4	98.4	87.1	76.1	67.5	62.9
12.5°	386.8	241.5	170.7	133.7	115.3	107.5	101.9	91.2	79.3	69.7	63.7
10°	490.8	302.8	195.8	145.3	121.8	110.2	103.7	93.8	81.4	71.3	64.4
7.5°	632.5	365.0	220.1	156.8	126.9	111.9	104.1	95.0	82.7	72.5	65.1
5°	736.1	412.9	244.4	166.6	130.8	113.5	104.4	95.3	83.2	73.3	65.6
2.5°	808.1	447.0	259.8	174.1	133.3	114.2	104.2	95.7	83.7	73.8	65.9
0°	838.1	458.0	266.0	177.0	134.0	113.0	103.0	96.0	84.0	74.0	66.0
-2.5°	808.1	447.0	259.8	174.1	133.3	114.2	104.2	95.7	83.7	73.8	65.9
-5°	736.1	412.9	244.4	166.6	130.8	113.5	104.4	95.3	83.2	73.3	65.6
-7.5°	632.5	365.0	220.1	156.8	126.9	111.9	104.1	95.0	82.7	72.5	65.1
-10°	490.8	302.8	195.8	145.3	121.8	110.2	103.7	93.8	81.4	71.3	64.4
-12.5°	386.8	241.5	170.7	133.7	115.3	107.5	101.9	91.2	79.3	69.7	63.7
-15°	284.2	196.5	149.2	125.4	110.8	104.4	98.4	87.1	76.1	67.5	62.9
-17.5°	213.2	163.0	133.2	115.8	107.1	100.9	93.3	83.0	73.1	65.8	61.9
-20°	168.9	138.3	121.3	109.8	102.7	96.7	88.1	78.4	70.2	64.5	61.3



REPORT NUMBER: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	138.6	122.4	110.7	104.0	97.7	90.4	82.3	73.8	67.1	62.8	60.6
-25°	120.9	109.8	104.1	98.5	91.5	83.9	76.8	70.1	64.9	61.5	59.9
-27.5°	109.3	103.4	98.2	92.3	84.8	78.3	72.1	66.5	62.6	60.6	59.5
-30°	102.0	97.2	91.5	84.8	78.9	73.1	67.5	63.8	61.0	59.5	58.9
-32.5°	94.9	89.2	83.5	78.3	73.0	67.6	64.1	61.4	59.5	58.8	58.3
-35°	86.2	81.1	76.6	71.8	66.7	63.7	61.2	59.6	58.6	58.2	57.7
-37.5°	77.9	73.7	69.5	65.5	62.8	60.7	59.5	58.5	57.9	57.5	56.7
-40°	69.8	66.2	63.9	61.6	60.2	59.2	58.2	57.5	57.1	56.5	55.5
-42.5°	63.7	61.9	60.5	59.7	58.8	57.9	57.0	56.7	56.2	55.3	54.6
-45°	60.3	59.6	58.9	58.5	57.7	56.9	56.2	55.8	55.2	54.5	54.0
-47.5°	58.8	58.4	58.1	57.7	57.0	56.3	55.5	54.9	54.1	53.5	52.1
-50°	57.9	57.6	57.3	56.8	56.0	55.2	54.4	53.5	52.7	51.5	50.2
-52.5°	56.9	56.4	55.8	55.1	54.5	53.7	52.9	51.7	50.5	49.4	48.3
-55°	55.1	54.6	54.1	53.5	52.8	52.0	51.0	49.6	48.3	47.3	46.0
-57.5°	53.3	52.8	52.3	51.8	51.2	50.0	48.6	47.3	46.2	45.1	43.7
-60°	51.4	51.0	50.3	49.3	48.2	46.9	46.0	45.0	44.0	42.3	40.7
-62.5°	48.9	48.3	47.3	46.3	45.4	44.5	43.5	42.1	40.5	38.9	37.5
-65°	45.4	44.8	44.0	43.2	42.4	41.4	40.2	38.6	36.9	35.3	34.0
-67.5°	41.7	41.1	40.5	39.6	38.5	37.2	35.8	34.4	33.0	31.3	29.9
-70°	37.0	36.2	35.3	34.4	33.4	32.5	31.5	30.2	28.8	27.1	25.7
-72.5°	31.4	30.7	30.0	29.4	28.8	28.0	26.8	25.4	24.1	22.8	21.5
-75°	25.4	24.7	24.1	23.5	22.9	22.1	21.4	20.4	19.4	18.4	17.3
-77.5°	19.2	18.7	18.2	17.9	17.5	17.1	16.5	15.7	14.9	14.0	13.1
-80°	13.8	13.5	13.1	12.9	12.5	12.1	11.6	11.0	10.3	9.7	9.1
-82.5°	9.1	8.9	8.6	8.3	8.0	7.6	7.3	6.9	6.5	6.0	5.6
-85°	4.6	4.5	4.4	4.3	4.2	4.1	3.9	3.8	3.6	3.4	3.2
-87.5°	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.5	1.4
-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: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-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°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
85°	3.1	2.9	2.6	2.4	2.2	2.0	1.8	1.7	1.5	1.4	1.2
82.5°	5.1	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.6	2.1	1.8
80°	8.5	7.8	7.1	6.5	6.0	5.5	5.2	4.7	4.1	3.4	2.8
77.5°	12.2	11.2	10.2	9.3	8.5	7.7	7.0	6.4	5.6	4.8	4.0
75°	16.2	15.0	13.8	12.5	11.1	9.9	8.9	8.0	7.1	6.1	5.1
72.5°	20.1	18.7	17.3	15.7	14.0	12.5	11.0	9.7	8.6	7.4	6.3
70°	24.2	22.5	20.8	19.1	17.1	15.0	13.2	11.6	10.0	8.7	7.4
67.5°	28.4	26.7	24.7	22.5	20.4	18.1	15.6	13.6	11.8	10.0	8.6
65°	32.3	30.6	28.7	26.1	23.6	21.2	18.5	15.8	13.6	11.6	9.7
62.5°	35.9	34.3	32.1	29.6	26.8	24.1	21.5	18.5	15.5	13.2	11.0
60°	39.1	37.4	35.4	32.9	29.9	26.9	24.0	21.2	17.9	14.7	12.3
57.5°	41.9	40.3	38.2	35.9	33.1	29.7	26.5	23.5	20.2	16.6	13.6
55°	44.5	42.6	40.7	38.4	35.9	32.7	29.0	25.7	22.4	18.7	14.9
52.5°	46.8	45.0	43.1	40.8	38.2	35.4	31.7	27.8	24.3	20.6	16.5
50°	48.9	47.1	45.2	43.1	40.4	37.6	34.3	30.1	26.2	22.5	18.1
47.5°	50.7	49.0	47.0	45.2	42.6	39.7	36.5	32.5	28.0	24.1	19.7
45°	52.4	50.8	48.7	46.7	44.7	41.6	38.4	34.7	30.0	25.6	21.2
42.5°	53.9	52.3	50.5	48.0	46.1	43.4	40.3	36.5	31.9	27.0	22.5
40°	54.7	53.5	52.1	49.7	47.4	45.0	41.9	38.2	33.7	28.5	23.7
37.5°	55.5	54.5	53.1	51.3	48.7	46.2	43.3	39.9	35.3	30.0	24.9
35°	56.6	55.4	53.9	52.4	50.1	47.5	44.5	41.4	36.7	31.4	26.1
32.5°	57.7	56.3	54.7	53.1	51.2	48.7	45.7	42.3	37.9	32.7	27.2
30°	58.3	57.1	55.5	53.8	52.2	49.7	46.7	43.3	39.1	33.8	28.2
27.5°	58.7	57.8	56.1	54.5	52.8	50.6	47.7	44.2	40.2	34.8	29.2
25°	59.1	58.3	56.8	55.1	53.3	51.3	48.6	45.0	41.0	35.7	30.0
22.5°	59.4	58.6	57.4	55.6	53.8	52.0	49.3	45.8	41.7	36.5	30.8
20°	59.8	58.9	57.9	56.1	54.3	52.4	49.9	46.4	42.3	37.2	31.5
17.5°	60.1	59.1	58.0	56.4	54.7	52.8	50.4	47.0	42.9	37.8	32.0
15°	60.5	59.2	58.0	56.7	55.0	53.1	50.8	47.5	43.4	38.3	32.6
12.5°	60.8	59.3	58.0	56.8	55.3	53.4	51.2	48.0	43.9	38.8	33.2
10°	61.0	59.5	58.0	56.9	55.6	53.6	51.5	48.4	44.3	39.3	33.7
7.5°	61.0	59.7	57.9	56.9	55.7	53.8	51.7	48.6	44.6	39.6	34.1
5°	61.0	59.7	57.9	56.9	55.5	53.9	51.9	48.8	44.8	39.8	34.5
2.5°	61.5	59.4	58.0	57.0	55.3	54.0	52.0	49.0	45.0	40.0	34.8
0°	62.0	59.0	58.0	57.0	55.0	54.0	52.0	49.0	45.0	40.0	35.0
-2.5°	61.5	59.4	58.0	57.0	55.3	54.0	52.0	49.0	45.0	40.0	34.8
-5°	61.0	59.7	57.9	56.9	55.5	53.9	51.9	48.8	44.8	39.8	34.5
-7.5°	61.0	59.7	57.9	56.9	55.7	53.8	51.7	48.6	44.6	39.6	34.1
-10°	61.0	59.5	58.0	56.9	55.6	53.6	51.5	48.4	44.3	39.3	33.7
-12.5°	60.8	59.3	58.0	56.8	55.3	53.4	51.2	48.0	43.9	38.8	33.2
-15°	60.5	59.2	58.0	56.7	55.0	53.1	50.8	47.5	43.4	38.3	32.6
-17.5°	60.1	59.1	58.0	56.4	54.7	52.8	50.4	47.0	42.9	37.8	32.0
-20°	59.8	58.9	57.9	56.1	54.3	52.4	49.9	46.4	42.3	37.2	31.5



REPORT NUMBER: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	59.4	58.6	57.4	55.6	53.8	52.0	49.3	45.8	41.7	36.5	30.8
-25°	59.1	58.3	56.8	55.1	53.3	51.3	48.6	45.0	41.0	35.7	30.0
-27.5°	58.7	57.8	56.1	54.5	52.8	50.6	47.7	44.2	40.2	34.8	29.2
-30°	58.3	57.1	55.5	53.8	52.2	49.7	46.7	43.3	39.1	33.8	28.2
-32.5°	57.7	56.3	54.7	53.1	51.2	48.7	45.7	42.3	37.9	32.7	27.2
-35°	56.6	55.4	53.9	52.4	50.1	47.5	44.5	41.4	36.7	31.4	26.1
-37.5°	55.5	54.5	53.1	51.3	48.7	46.2	43.3	39.9	35.3	30.0	24.9
-40°	54.7	53.5	52.1	49.7	47.4	45.0	41.9	38.2	33.7	28.5	23.7
-42.5°	53.9	52.3	50.5	48.0	46.1	43.4	40.3	36.5	31.9	27.0	22.5
-45°	52.4	50.8	48.7	46.7	44.7	41.6	38.4	34.7	30.0	25.6	21.2
-47.5°	50.7	49.0	47.0	45.2	42.6	39.7	36.5	32.5	28.0	24.1	19.7
-50°	48.9	47.1	45.2	43.1	40.4	37.6	34.3	30.1	26.2	22.5	18.1
-52.5°	46.8	45.0	43.1	40.8	38.2	35.4	31.7	27.8	24.3	20.6	16.5
-55°	44.5	42.6	40.7	38.4	35.9	32.7	29.0	25.7	22.4	18.7	14.9
-57.5°	41.9	40.3	38.2	35.9	33.1	29.7	26.5	23.5	20.2	16.6	13.6
-60°	39.1	37.4	35.4	32.9	29.9	26.9	24.0	21.2	17.9	14.7	12.3
-62.5°	35.9	34.3	32.1	29.6	26.8	24.1	21.5	18.5	15.5	13.2	11.0
-65°	32.3	30.6	28.7	26.1	23.6	21.2	18.5	15.8	13.6	11.6	9.7
-67.5°	28.4	26.7	24.7	22.5	20.4	18.1	15.6	13.6	11.8	10.0	8.6
-70°	24.2	22.5	20.8	19.1	17.1	15.0	13.2	11.6	10.0	8.7	7.4
-72.5°	20.1	18.7	17.3	15.7	14.0	12.5	11.0	9.7	8.6	7.4	6.3
-75°	16.2	15.0	13.8	12.5	11.1	9.9	8.9	8.0	7.1	6.1	5.1
-77.5°	12.2	11.2	10.2	9.3	8.5	7.7	7.0	6.4	5.6	4.8	4.0
-80°	8.5	7.8	7.1	6.5	6.0	5.5	5.2	4.7	4.1	3.4	2.8
-82.5°	5.1	4.8	4.5	4.2	4.0	3.7	3.4	3.1	2.6	2.1	1.8
-85°	3.1	2.9	2.6	2.4	2.2	2.0	1.8	1.7	1.5	1.4	1.2
-87.5°	1.4	1.3	1.2	1.1	1.1	1.0	0.9	0.8	0.8	0.7	0.6
-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: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-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°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
80°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
77.5°	3.1	2.3	1.7	1.3	0.9	0.4	0.0
75°	4.1	3.1	2.1	1.5	1.0	0.5	0.0
72.5°	5.1	4.0	2.8	1.8	1.2	0.6	0.0
70°	6.1	4.8	3.4	2.1	1.4	0.7	0.0
67.5°	7.1	5.6	4.1	2.6	1.5	0.8	0.0
65°	8.0	6.4	4.7	3.1	1.7	0.8	0.0
62.5°	9.0	7.2	5.4	3.5	1.8	0.9	0.0
60°	9.9	7.9	6.0	4.0	2.0	1.0	0.0
57.5°	11.0	8.7	6.6	4.4	2.3	1.1	0.0
55°	12.1	9.4	7.1	4.9	2.6	1.1	0.0
52.5°	13.1	10.1	7.7	5.3	2.9	1.2	0.0
50°	14.2	11.0	8.3	5.7	3.1	1.3	0.0
47.5°	15.2	11.8	8.8	6.1	3.4	1.4	0.0
45°	16.4	12.6	9.3	6.5	3.7	1.4	0.0
42.5°	17.6	13.4	9.8	6.8	3.9	1.5	0.0
40°	18.7	14.1	10.3	7.2	4.1	1.5	0.0
37.5°	19.8	14.8	10.8	7.5	4.3	1.6	0.0
35°	20.7	15.5	11.4	7.8	4.6	1.6	0.0
32.5°	21.6	16.3	11.8	8.1	4.7	1.7	0.0
30°	22.5	17.0	12.3	8.4	4.9	1.7	0.0
27.5°	23.3	17.6	12.7	8.6	5.1	1.8	0.0
25°	24.1	18.2	13.1	8.9	5.2	1.8	0.0
22.5°	24.8	18.7	13.5	9.1	5.4	1.8	0.0
20°	25.4	19.3	13.8	9.3	5.5	1.9	0.0
17.5°	26.0	19.8	14.1	9.4	5.6	1.9	0.0
15°	26.6	20.2	14.3	9.6	5.7	1.9	0.0
12.5°	27.0	20.7	14.5	9.7	5.8	2.0	0.0
10°	27.4	21.1	14.7	9.8	5.9	2.0	0.0
7.5°	27.7	21.4	14.8	9.9	5.9	2.0	0.0
5°	27.9	21.6	14.9	10.0	6.0	2.0	0.0
2.5°	28.0	21.9	15.0	10.0	6.0	2.0	0.0
0°	28.0	22.0	15.0	10.0	6.0	2.0	0.0
-2.5°	28.0	21.9	15.0	10.0	6.0	2.0	0.0
-5°	27.9	21.6	14.9	10.0	6.0	2.0	0.0
-7.5°	27.7	21.4	14.8	9.9	5.9	2.0	0.0
-10°	27.4	21.1	14.7	9.8	5.9	2.0	0.0
-12.5°	27.0	20.7	14.5	9.7	5.8	2.0	0.0
-15°	26.6	20.2	14.3	9.6	5.7	1.9	0.0
-17.5°	26.0	19.8	14.1	9.4	5.6	1.9	0.0
-20°	25.4	19.3	13.8	9.3	5.5	1.9	0.0



REPORT NUMBER: P561384 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-AMB-U-TS-BK

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	24.8	18.7	13.5	9.1	5.4	1.8	0.0
-25°	24.1	18.2	13.1	8.9	5.2	1.8	0.0
-27.5°	23.3	17.6	12.7	8.6	5.1	1.8	0.0
-30°	22.5	17.0	12.3	8.4	4.9	1.7	0.0
-32.5°	21.6	16.3	11.8	8.1	4.7	1.7	0.0
-35°	20.7	15.5	11.4	7.8	4.6	1.6	0.0
-37.5°	19.8	14.8	10.8	7.5	4.3	1.6	0.0
-40°	18.7	14.1	10.3	7.2	4.1	1.5	0.0
-42.5°	17.6	13.4	9.8	6.8	3.9	1.5	0.0
-45°	16.4	12.6	9.3	6.5	3.7	1.4	0.0
-47.5°	15.2	11.8	8.8	6.1	3.4	1.4	0.0
-50°	14.2	11.0	8.3	5.7	3.1	1.3	0.0
-52.5°	13.1	10.1	7.7	5.3	2.9	1.2	0.0
-55°	12.1	9.4	7.1	4.9	2.6	1.1	0.0
-57.5°	11.0	8.7	6.6	4.4	2.3	1.1	0.0
-60°	9.9	7.9	6.0	4.0	2.0	1.0	0.0
-62.5°	9.0	7.2	5.4	3.5	1.8	0.9	0.0
-65°	8.0	6.4	4.7	3.1	1.7	0.8	0.0
-67.5°	7.1	5.6	4.1	2.6	1.5	0.8	0.0
-70°	6.1	4.8	3.4	2.1	1.4	0.7	0.0
-72.5°	5.1	4.0	2.8	1.8	1.2	0.6	0.0
-75°	4.1	3.1	2.1	1.5	1.0	0.5	0.0
-77.5°	3.1	2.3	1.7	1.3	0.9	0.4	0.0
-80°	2.1	1.7	1.4	1.0	0.7	0.3	0.0
-82.5°	1.5	1.3	1.0	0.8	0.5	0.3	0.0
-85°	1.0	0.9	0.7	0.5	0.3	0.2	0.0
-87.5°	0.5	0.4	0.3	0.3	0.2	0.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)