

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: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA4B-AMB-U-TSB-BK**

Issue Date: 7/30/2021

Test Information

Test Method: LM-79-08
Report Number: P561393 (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-SA4B-AMB-U-TSB-BK
Description: GALLEON FLOOD, ONE LIGHT SQAURE, TIGHT SPOT BAFFLE N1
Light Source: (64) 1549K CCT, -21.5 CRI LEDS
Ballast/Driver: -

Summary

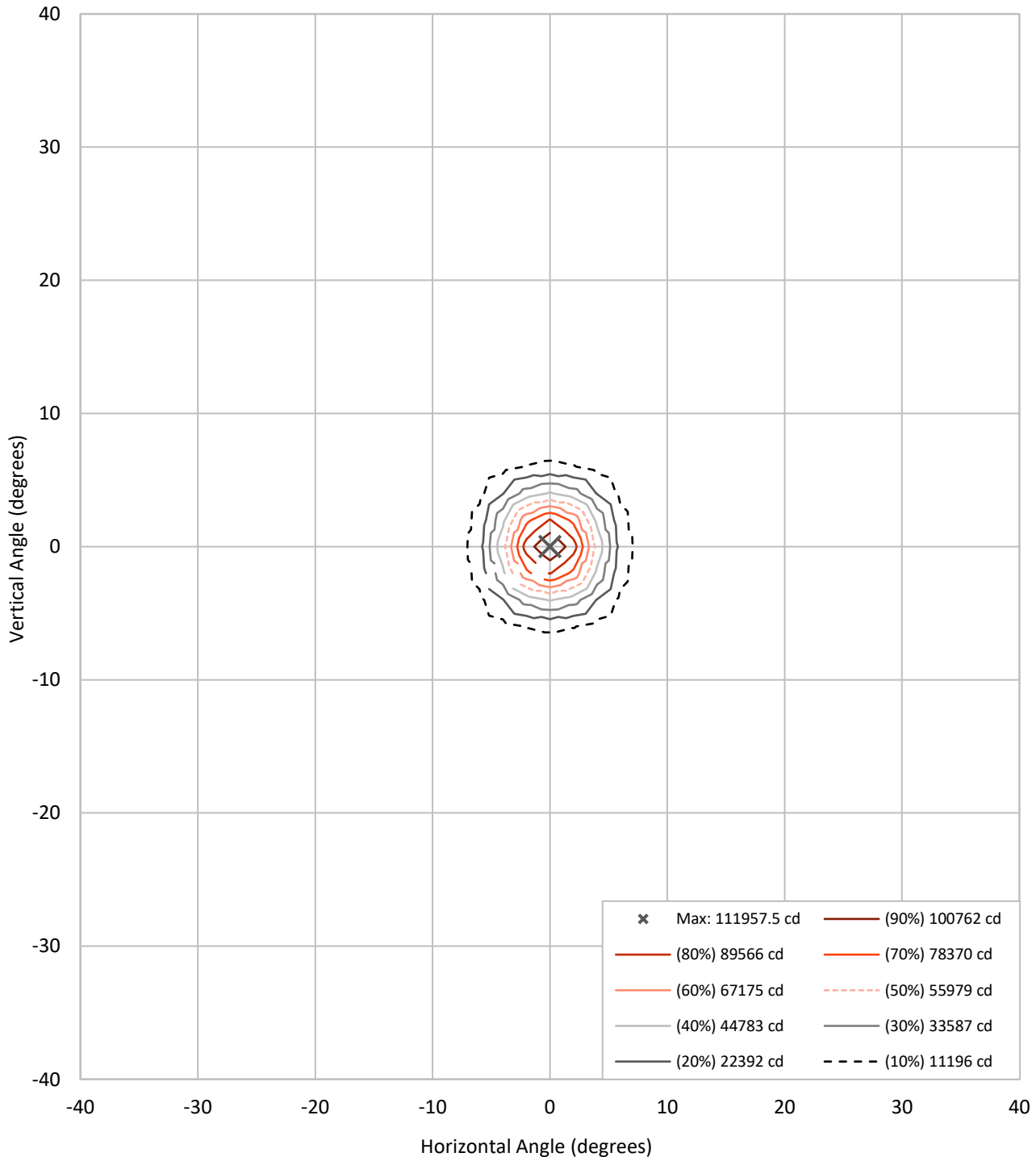
Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	2618.9 lumens	Max Intensity:	111957.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	32.5 lumens/watt		
Luminous Opening:	Rectangular (W 0.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	7.8°H x 7.2°V	Field Angle (10%):	13.6°H x 12.7°V
Beam Lumens:	675 lumens	Field Lumens:	1745.3 lumens
Beam Efficiency:	25.8%	Field Efficiency:	66.6%

Input Watts (W): 80.5
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: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-AMB-U-TSB-BK

Iso-Candela Plot





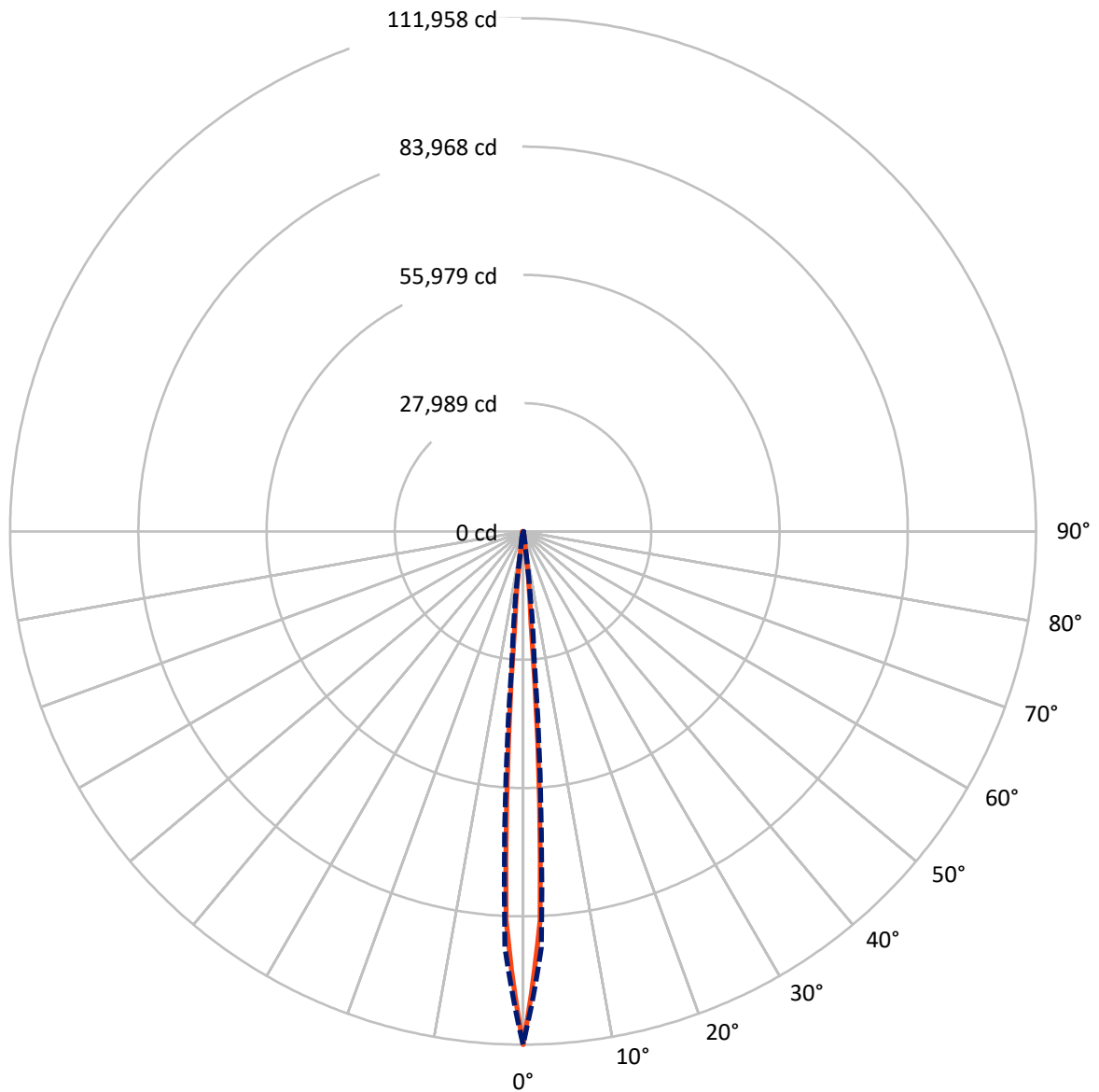
REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-TSB-BK

Lumen Table

90	0.0	0.1	0.3	0.7	1.2	0.7	0.3	0.1	0.0										
80	0.0	0.1	0.3	0.7	1.2	0.7	0.3	0.1	0.0										
70	0.1	0.1	0.2	0.3	0.5	0.7	1.1	2.1	2.1	1.1	0.7	0.5	0.3	0.2	0.1	0.1			
60		0.1	0.3	0.6	1.0	1.3	1.6	2.4	2.4	1.6	1.3	1.0	0.6	0.3	0.1				
50	0.1	0.2	0.5	0.9	1.6	2.3	3.0	3.8	3.8	3.0	2.3	1.6	0.9	0.5	0.2	0.1			
40		0.3	0.6	1.3	2.4	3.2	3.6	4.0	4.0	3.6	3.2	2.4	1.3	0.6	0.3				
30	0.3	0.5	0.8	1.8	2.9	3.4	4.5	6.3	6.3	4.5	3.4	2.9	1.8	0.8	0.5	0.3			
20		0.7	1.2	2.4	3.2	4.3	9.5	18.0	18.0	9.5	4.3	3.2	2.4	1.2	0.7				
10	0.4	0.8	1.5	2.8	3.4	6.0	18.7	519.5	519.5	18.7	6.0	3.4	2.8	1.5	0.8	0.4			
0		0.8	1.5	2.8	3.4	6.0	18.7	519.5	519.5	18.7	6.0	3.4	2.8	1.5	0.8				
-10	0.3	0.7	1.2	2.4	3.2	4.3	9.5	18.0	18.0	9.5	4.3	3.2	2.4	1.2	0.7	0.3			
-20		0.5	0.8	1.8	2.9	3.4	4.5	6.3	6.3	4.5	3.4	2.9	1.8	0.8	0.5				
-30	0.1	0.3	0.6	1.3	2.4	3.2	3.6	4.0	4.0	3.6	3.2	2.4	1.3	0.6	0.3	0.1			
-40		0.2	0.5	0.9	1.6	2.3	3.0	3.8	3.8	3.0	2.3	1.6	0.9	0.5	0.2				
-50	0.1	0.1	0.3	0.6	1.0	1.3	1.6	2.4	2.4	1.6	1.3	1.0	0.6	0.3	0.1	0.1			
-60		0.1	0.2	0.3	0.5	0.7	1.1	2.1	2.1	1.1	0.7	0.5	0.3	0.2	0.1				
-70	0.0	0.1	0.3	0.7	1.2	0.7	0.3	0.1	0.0							0.0			
-80		0.1	0.3	0.7	1.2	0.7	0.3	0.1	0.0										
-90	0.0	0.1	0.3	0.7	1.2	0.7	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

REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-AMB-U-TSB-BK

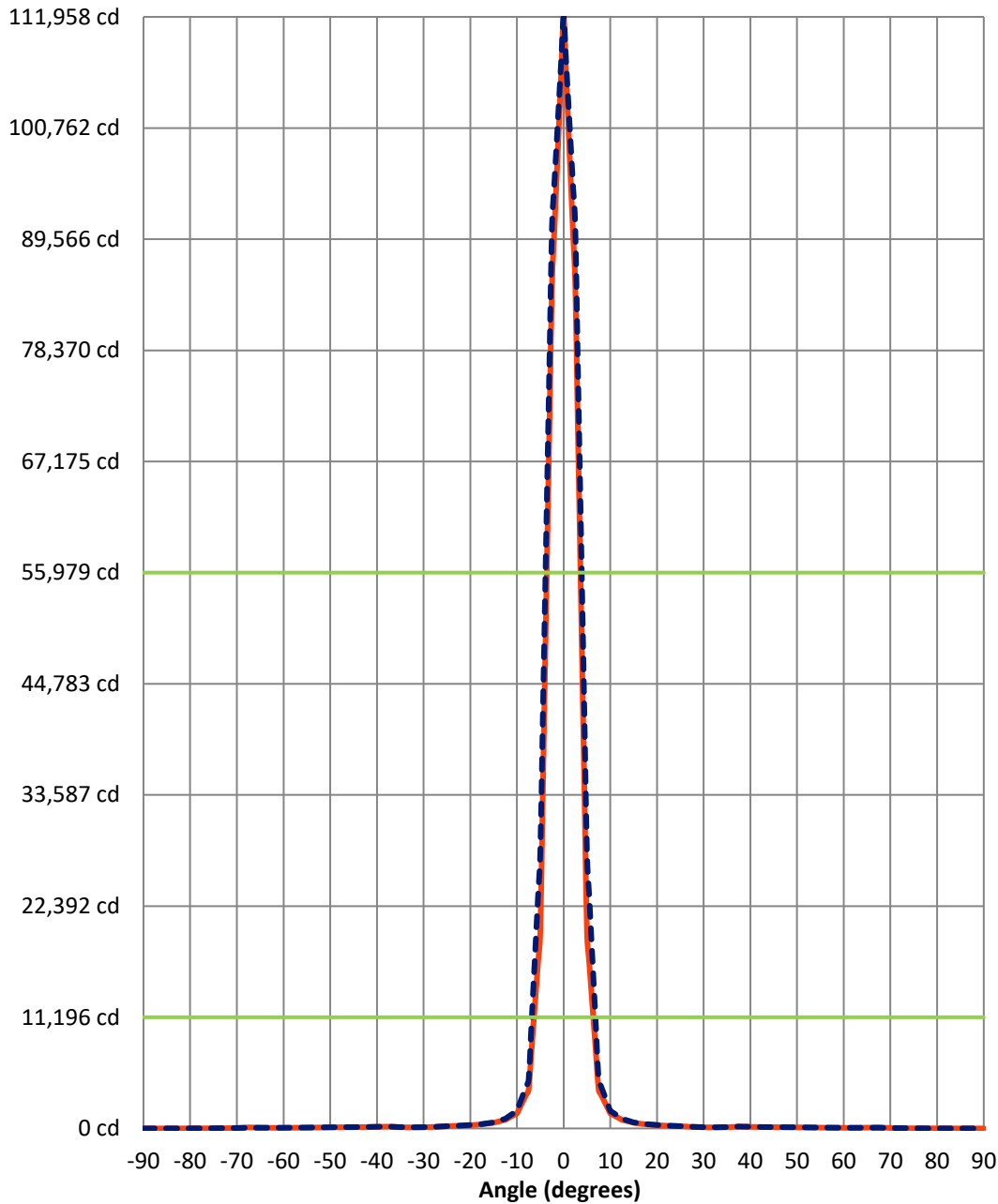
Luminous Intensity Polar Plot



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

REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4B-AMB-U-TSB-BK

Luminous Intensity Plot



Beam:
H Angle: 7.8°
V Angle: 7.2°
Lumens: 675
Efficiency: 25.8%

Field:
H Angle: 13.6°
V Angle: 12.7°
Lumens: 1745.3
Efficiency: 66.6%

Spill:
Lumens: 873.6
Efficiency: 33.4%

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



REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-TSB-BK

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	0.2	0.3	0.4	0.4	0.5	0.5	0.6
85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.4	1.4
80°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.4
77.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.4	1.4	1.4	1.4	1.4
75°	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4	1.5	1.5
72.5°	0.0	0.4	0.8	1.3	1.4	1.4	1.4	1.5	1.7	1.7	1.5
70°	0.0	0.5	1.0	1.4	1.4	1.4	1.4	1.8	1.9	1.9	2.4
67.5°	0.0	0.5	1.1	1.4	1.4	1.4	1.8	2.1	2.2	2.7	3.4
65°	0.0	0.6	1.2	1.4	1.4	1.5	2.1	2.5	2.9	3.5	4.3
62.5°	0.0	0.6	1.3	1.4	1.4	1.8	2.4	2.9	3.5	4.3	5.1
60°	0.0	0.7	1.4	1.4	1.4	2.0	2.7	3.3	4.0	5.3	6.0
57.5°	0.0	0.8	1.4	1.4	1.6	2.3	3.0	3.7	4.9	6.3	7.3
55°	0.0	0.8	1.4	1.4	1.8	2.5	3.4	4.1	6.0	7.4	8.6
52.5°	0.0	0.9	1.4	1.4	2.0	2.8	3.8	5.2	7.2	8.8	10.0
50°	0.0	0.9	1.4	1.4	2.1	3.1	4.3	6.4	8.4	10.1	12.1
47.5°	0.0	0.9	1.4	1.4	2.3	3.5	4.8	7.5	9.6	11.5	14.3
45°	0.0	1.0	1.4	1.6	2.5	3.9	5.8	8.8	11.0	13.6	16.6
42.5°	0.0	1.0	1.4	1.7	2.6	4.3	6.9	10.0	12.4	15.7	19.6
40°	0.0	1.1	1.4	1.8	2.8	4.6	8.0	11.3	14.1	17.9	22.8
37.5°	0.0	1.1	1.4	1.9	3.1	5.0	9.1	12.6	16.2	20.6	26.2
35°	0.0	1.1	1.4	2.0	3.4	5.7	10.2	13.9	18.4	23.8	29.0
32.5°	0.0	1.2	1.4	2.1	3.7	6.6	11.2	15.3	20.6	27.1	31.6
30°	0.0	1.2	1.4	2.2	4.0	7.4	12.3	16.7	22.7	30.4	35.2
27.5°	0.0	1.2	1.4	2.3	4.2	8.2	13.4	18.5	25.1	33.7	39.6
25°	0.0	1.3	1.4	2.3	4.3	9.0	14.4	20.2	27.8	37.2	44.7
22.5°	0.0	1.3	1.4	2.4	4.4	9.6	15.5	21.9	30.5	41.2	48.5
20°	0.0	1.3	1.4	2.5	4.5	9.8	16.4	23.6	33.1	45.5	52.2
17.5°	0.0	1.3	1.4	2.5	4.5	9.9	17.0	25.1	35.6	50.2	55.9
15°	0.0	1.4	1.4	2.6	4.5	9.9	17.3	26.3	38.0	55.1	59.6
12.5°	0.0	1.4	1.4	2.6	4.5	9.8	17.5	27.0	39.7	60.1	63.2
10°	0.0	1.4	1.4	2.6	4.5	9.6	17.7	27.6	40.7	62.1	65.6
7.5°	0.0	1.4	1.4	2.7	4.4	9.3	17.9	28.1	41.4	63.3	65.3
5°	0.0	1.4	1.4	2.7	4.3	9.0	17.9	28.4	42.0	64.1	65.0
2.5°	0.0	1.4	1.4	2.7	4.2	8.6	17.9	28.6	42.3	64.4	64.6
0°	0.0	1.4	1.4	2.7	4.1	8.2	17.8	28.7	42.4	64.3	64.3
-2.5°	0.0	1.4	1.4	2.7	4.2	8.6	17.9	28.6	42.3	64.4	64.6
-5°	0.0	1.4	1.4	2.7	4.3	9.0	17.9	28.4	42.0	64.1	65.0
-7.5°	0.0	1.4	1.4	2.7	4.4	9.3	17.9	28.1	41.4	63.3	65.3
-10°	0.0	1.4	1.4	2.6	4.5	9.6	17.7	27.6	40.7	62.1	65.6
-12.5°	0.0	1.4	1.4	2.6	4.5	9.8	17.5	27.0	39.7	60.1	63.2
-15°	0.0	1.4	1.4	2.6	4.5	9.9	17.3	26.3	38.0	55.1	59.6
-17.5°	0.0	1.3	1.4	2.5	4.5	9.9	17.0	25.1	35.6	50.2	55.9
-20°	0.0	1.3	1.4	2.5	4.5	9.8	16.4	23.6	33.1	45.5	52.2



REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	1.3	1.4	2.4	4.4	9.6	15.5	21.9	30.5	41.2	48.5
-25°	0.0	1.3	1.4	2.3	4.3	9.0	14.4	20.2	27.8	37.2	44.7
-27.5°	0.0	1.2	1.4	2.3	4.2	8.2	13.4	18.5	25.1	33.7	39.6
-30°	0.0	1.2	1.4	2.2	4.0	7.4	12.3	16.7	22.7	30.4	35.2
-32.5°	0.0	1.2	1.4	2.1	3.7	6.6	11.2	15.3	20.6	27.1	31.6
-35°	0.0	1.1	1.4	2.0	3.4	5.7	10.2	13.9	18.4	23.8	29.0
-37.5°	0.0	1.1	1.4	1.9	3.1	5.0	9.1	12.6	16.2	20.6	26.2
-40°	0.0	1.1	1.4	1.8	2.8	4.6	8.0	11.3	14.1	17.9	22.8
-42.5°	0.0	1.0	1.4	1.7	2.6	4.3	6.9	10.0	12.4	15.7	19.6
-45°	0.0	1.0	1.4	1.6	2.5	3.9	5.8	8.8	11.0	13.6	16.6
-47.5°	0.0	0.9	1.4	1.4	2.3	3.5	4.8	7.5	9.6	11.5	14.3
-50°	0.0	0.9	1.4	1.4	2.1	3.1	4.3	6.4	8.4	10.1	12.1
-52.5°	0.0	0.9	1.4	1.4	2.0	2.8	3.8	5.2	7.2	8.8	10.0
-55°	0.0	0.8	1.4	1.4	1.8	2.5	3.4	4.1	6.0	7.4	8.6
-57.5°	0.0	0.8	1.4	1.4	1.6	2.3	3.0	3.7	4.9	6.3	7.3
-60°	0.0	0.7	1.4	1.4	1.4	2.0	2.7	3.3	4.0	5.3	6.0
-62.5°	0.0	0.6	1.3	1.4	1.4	1.8	2.4	2.9	3.5	4.3	5.1
-65°	0.0	0.6	1.2	1.4	1.4	1.5	2.1	2.5	2.9	3.5	4.3
-67.5°	0.0	0.5	1.1	1.4	1.4	1.4	1.8	2.1	2.2	2.7	3.4
-70°	0.0	0.5	1.0	1.4	1.4	1.4	1.4	1.8	1.9	1.9	2.4
-72.5°	0.0	0.4	0.8	1.3	1.4	1.4	1.4	1.5	1.7	1.7	1.5
-75°	0.0	0.4	0.7	1.1	1.4	1.4	1.4	1.4	1.4	1.5	1.5
-77.5°	0.0	0.3	0.6	0.9	1.2	1.4	1.4	1.4	1.4	1.4	1.4
-80°	0.0	0.2	0.5	0.7	1.0	1.2	1.4	1.4	1.4	1.4	1.4
-82.5°	0.0	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.4	1.4
-85°	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.0	1.1	1.2
-87.5°	0.0	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	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: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-TSB-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°	0.5	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.0	0.7	0.4	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0
82.5°	1.2	1.1	1.0	1.0	0.9	0.7	0.4	0.2	0.3	0.4	0.5
80°	1.4	1.4	1.4	1.4	1.2	1.1	1.1	1.2	1.3	1.5	1.8
77.5°	1.4	1.4	1.4	1.4	1.5	1.8	2.0	2.1	2.4	3.0	3.6
75°	1.4	1.4	1.9	2.5	3.0	3.2	3.3	3.5	4.0	4.8	5.6
72.5°	1.9	2.6	3.3	4.0	4.8	5.2	5.5	5.6	6.5	7.9	9.0
70°	3.1	3.9	4.8	6.0	7.2	7.6	8.4	9.6	11.2	12.2	12.9
67.5°	4.2	5.0	6.2	7.8	9.2	10.1	11.6	13.4	15.3	16.1	16.5
65°	4.8	6.0	7.5	9.1	10.8	12.3	14.1	16.4	18.0	18.2	18.7
62.5°	5.4	7.0	8.7	10.5	12.2	14.1	16.4	18.1	19.0	20.5	22.6
60°	6.6	8.1	10.1	12.1	14.0	16.6	18.7	20.6	22.1	23.7	27.2
57.5°	8.0	9.4	11.7	13.9	16.7	19.7	22.3	24.2	26.6	29.3	32.3
55°	9.6	11.0	13.5	16.2	19.5	23.4	26.3	29.1	31.9	33.4	35.4
52.5°	11.8	12.9	15.3	18.6	22.6	26.9	30.7	33.4	35.2	36.7	38.8
50°	14.0	15.4	17.1	21.2	25.5	30.0	34.4	36.7	38.7	40.6	43.2
47.5°	16.7	18.3	19.3	23.5	28.1	32.7	37.0	40.2	42.5	45.6	49.1
45°	19.8	21.2	22.3	25.7	30.4	34.9	39.4	43.7	47.1	51.0	55.8
42.5°	23.0	23.9	25.2	27.6	32.3	37.0	41.7	47.1	52.0	57.3	63.7
40°	25.5	26.4	27.9	30.1	34.1	39.0	44.5	50.5	57.8	65.0	72.8
37.5°	27.6	28.7	30.4	32.7	35.9	41.2	47.1	54.8	63.8	73.4	84.1
35°	29.6	30.7	32.6	35.2	38.6	43.5	50.8	59.5	70.4	83.3	93.2
32.5°	31.4	32.6	34.5	37.7	41.8	46.7	54.4	65.3	78.3	91.5	98.2
30°	34.0	34.2	36.3	40.2	44.9	51.4	59.4	71.2	86.6	95.8	102.0
27.5°	38.1	35.8	38.4	42.8	48.2	56.3	66.1	78.8	91.8	99.8	104.9
25°	42.2	39.8	40.5	45.4	52.5	61.9	73.0	87.8	96.3	102.1	108.1
22.5°	46.0	43.5	45.1	47.8	56.9	67.5	80.8	94.5	102.7	105.2	112.0
20°	49.7	47.9	50.0	53.7	61.8	72.7	88.2	101.1	109.1	113.1	117.4
17.5°	53.1	52.2	55.1	60.3	68.9	79.4	94.9	108.1	116.6	120.0	125.4
15°	56.5	56.3	60.1	66.6	75.7	87.8	102.3	114.6	123.7	126.4	134.0
12.5°	59.8	60.4	65.1	72.4	82.1	95.7	109.2	119.9	127.4	133.6	141.9
10°	63.0	64.4	70.0	77.9	88.1	102.8	115.0	124.0	130.5	139.5	147.8
7.5°	63.2	66.4	74.1	83.0	93.7	109.4	120.1	127.1	133.7	145.2	153.7
5°	63.0	66.3	74.3	84.2	96.6	113.2	123.5	129.4	136.9	150.5	159.5
2.5°	62.9	66.0	74.2	84.6	97.7	113.0	122.8	129.1	138.5	158.2	171.0
0°	62.9	65.7	73.9	84.8	98.5	112.2	121.7	128.6	139.5	166.9	187.4
-2.5°	62.9	66.0	74.2	84.6	97.7	113.0	122.8	129.1	138.5	158.2	171.0
-5°	63.0	66.3	74.3	84.2	96.6	113.2	123.5	129.4	136.9	150.5	159.5
-7.5°	63.2	66.4	74.1	83.0	93.7	109.4	120.1	127.1	133.7	145.2	153.7
-10°	63.0	64.4	70.0	77.9	88.1	102.8	115.0	124.0	130.5	139.5	147.8
-12.5°	59.8	60.4	65.1	72.4	82.1	95.7	109.2	119.9	127.4	133.6	141.9
-15°	56.5	56.3	60.1	66.6	75.7	87.8	102.3	114.6	123.7	126.4	134.0
-17.5°	53.1	52.2	55.1	60.3	68.9	79.4	94.9	108.1	116.6	120.0	125.4
-20°	49.7	47.9	50.0	53.7	61.8	72.7	88.2	101.1	109.1	113.1	117.4



REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	46.0	43.5	45.1	47.8	56.9	67.5	80.8	94.5	102.7	105.2	112.0
-25°	42.2	39.8	40.5	45.4	52.5	61.9	73.0	87.8	96.3	102.1	108.1
-27.5°	38.1	35.8	38.4	42.8	48.2	56.3	66.1	78.8	91.8	99.8	104.9
-30°	34.0	34.2	36.3	40.2	44.9	51.4	59.4	71.2	86.6	95.8	102.0
-32.5°	31.4	32.6	34.5	37.7	41.8	46.7	54.4	65.3	78.3	91.5	98.2
-35°	29.6	30.7	32.6	35.2	38.6	43.5	50.8	59.5	70.4	83.3	93.2
-37.5°	27.6	28.7	30.4	32.7	35.9	41.2	47.1	54.8	63.8	73.4	84.1
-40°	25.5	26.4	27.9	30.1	34.1	39.0	44.5	50.5	57.8	65.0	72.8
-42.5°	23.0	23.9	25.2	27.6	32.3	37.0	41.7	47.1	52.0	57.3	63.7
-45°	19.8	21.2	22.3	25.7	30.4	34.9	39.4	43.7	47.1	51.0	55.8
-47.5°	16.7	18.3	19.3	23.5	28.1	32.7	37.0	40.2	42.5	45.6	49.1
-50°	14.0	15.4	17.1	21.2	25.5	30.0	34.4	36.7	38.7	40.6	43.2
-52.5°	11.8	12.9	15.3	18.6	22.6	26.9	30.7	33.4	35.2	36.7	38.8
-55°	9.6	11.0	13.5	16.2	19.5	23.4	26.3	29.1	31.9	33.4	35.4
-57.5°	8.0	9.4	11.7	13.9	16.7	19.7	22.3	24.2	26.6	29.3	32.3
-60°	6.6	8.1	10.1	12.1	14.0	16.6	18.7	20.6	22.1	23.7	27.2
-62.5°	5.4	7.0	8.7	10.5	12.2	14.1	16.4	18.1	19.0	20.5	22.6
-65°	4.8	6.0	7.5	9.1	10.8	12.3	14.1	16.4	18.0	18.2	18.7
-67.5°	4.2	5.0	6.2	7.8	9.2	10.1	11.6	13.4	15.3	16.1	16.5
-70°	3.1	3.9	4.8	6.0	7.2	7.6	8.4	9.6	11.2	12.2	12.9
-72.5°	1.9	2.6	3.3	4.0	4.8	5.2	5.5	5.6	6.5	7.9	9.0
-75°	1.4	1.4	1.9	2.5	3.0	3.2	3.3	3.5	4.0	4.8	5.6
-77.5°	1.4	1.4	1.4	1.4	1.5	1.8	2.0	2.1	2.4	3.0	3.6
-80°	1.4	1.4	1.4	1.4	1.2	1.1	1.1	1.2	1.3	1.5	1.8
-82.5°	1.2	1.1	1.0	1.0	0.9	0.7	0.4	0.2	0.3	0.4	0.5
-85°	1.0	0.7	0.4	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.0
-87.5°	0.5	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: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	0.6	0.7	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.3
80°	2.1	2.3	2.3	2.3	2.2	2.5	2.9	3.3	3.7	3.8	3.9
77.5°	4.2	4.4	4.4	4.3	4.2	4.9	5.7	6.5	7.4	8.0	8.5
75°	6.4	6.8	6.9	6.9	6.8	7.7	9.1	10.7	12.3	13.2	13.8
72.5°	9.8	10.1	10.0	9.9	9.8	11.5	14.7	18.3	22.2	23.9	24.7
70°	13.3	13.6	13.6	13.6	13.6	15.8	21.2	26.9	33.0	37.2	40.4
67.5°	16.7	17.1	17.2	17.3	17.6	19.6	25.0	29.7	33.7	44.1	61.9
65°	19.8	22.0	22.9	23.3	23.2	23.5	27.1	30.2	32.9	40.4	52.7
62.5°	25.3	28.1	28.7	28.5	28.3	28.0	30.6	32.9	34.9	38.9	46.4
60°	30.1	32.5	33.5	33.5	33.4	33.1	34.9	37.0	39.0	42.2	49.4
57.5°	34.3	36.6	38.5	38.6	38.6	38.4	39.9	42.4	44.8	47.5	55.5
55°	38.0	40.7	43.3	44.0	44.5	44.7	46.0	49.4	52.8	56.0	64.6
52.5°	41.8	45.4	48.6	50.3	51.9	53.1	54.5	59.3	64.1	68.6	76.8
50°	47.3	51.2	55.4	58.8	61.4	64.1	66.7	72.5	79.4	86.2	94.4
47.5°	53.6	58.4	63.9	69.1	73.3	78.4	82.6	88.7	95.3	101.9	108.4
45°	61.0	67.8	74.4	82.7	89.6	92.1	94.2	98.0	105.2	113.1	120.4
42.5°	70.7	79.3	88.5	94.2	97.9	100.1	101.7	103.1	111.9	119.5	125.6
40°	82.6	91.3	96.4	100.7	103.9	106.2	108.1	110.4	116.3	124.2	132.5
37.5°	92.8	98.0	102.3	106.0	109.1	111.4	114.7	117.9	122.8	133.6	141.4
35°	98.6	103.2	107.3	111.5	115.5	119.2	124.1	132.2	139.3	136.0	129.6
32.5°	103.2	107.6	112.6	120.5	126.6	133.0	141.5	129.9	118.4	113.0	112.4
30°	107.1	111.6	119.5	131.0	138.9	135.7	119.9	111.5	109.0	109.8	116.1
27.5°	110.2	115.8	125.7	139.0	132.6	115.3	109.6	107.1	115.4	122.9	135.0
25°	114.1	120.1	135.1	131.3	115.2	110.0	111.7	119.3	135.1	159.6	185.8
22.5°	118.5	130.7	134.6	115.0	110.0	113.8	123.4	147.5	182.4	215.7	239.3
20°	124.3	141.2	122.4	111.7	113.3	124.9	153.7	196.1	229.5	254.5	278.4
17.5°	135.1	133.0	116.9	111.8	122.9	150.2	197.7	235.8	266.1	299.3	330.6
15°	143.7	125.6	115.0	120.4	139.6	186.2	231.9	268.1	310.8	356.2	408.9
12.5°	141.0	121.7	116.0	128.8	163.3	218.0	258.9	306.1	361.8	430.6	518.6
10°	136.9	121.2	123.3	141.6	187.7	240.3	283.8	342.1	419.4	529.2	700.3
7.5°	134.1	119.5	127.3	153.2	207.2	256.7	310.7	382.2	481.5	656.3	971.6
5°	131.7	117.3	127.6	160.5	220.7	268.5	330.8	413.3	546.7	803.5	1291.2
2.5°	130.6	115.1	126.2	166.8	229.6	274.3	341.1	437.1	596.6	927.5	1660.5
0°	131.3	113.5	123.1	164.8	227.1	276.3	346.1	443.2	603.2	979.3	1778.2
-2.5°	130.6	115.1	126.2	166.8	229.6	274.3	341.1	437.1	596.6	927.5	1660.5
-5°	131.7	117.3	127.6	160.5	220.7	268.5	330.8	413.3	546.7	803.5	1291.2
-7.5°	134.1	119.5	127.3	153.2	207.2	256.7	310.7	382.2	481.5	656.3	971.6
-10°	136.9	121.2	123.3	141.6	187.7	240.3	283.8	342.1	419.4	529.2	700.3
-12.5°	141.0	121.7	116.0	128.8	163.3	218.0	258.9	306.1	361.8	430.6	518.6
-15°	143.7	125.6	115.0	120.4	139.6	186.2	231.9	268.1	310.8	356.2	408.9
-17.5°	135.1	133.0	116.9	111.8	122.9	150.2	197.7	235.8	266.1	299.3	330.6
-20°	124.3	141.2	122.4	111.7	113.3	124.9	153.7	196.1	229.5	254.5	278.4



REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	118.5	130.7	134.6	115.0	110.0	113.8	123.4	147.5	182.4	215.7	239.3
-25°	114.1	120.1	135.1	131.3	115.2	110.0	111.7	119.3	135.1	159.6	185.8
-27.5°	110.2	115.8	125.7	139.0	132.6	115.3	109.6	107.1	115.4	122.9	135.0
-30°	107.1	111.6	119.5	131.0	138.9	135.7	119.9	111.5	109.0	109.8	116.1
-32.5°	103.2	107.6	112.6	120.5	126.6	133.0	141.5	129.9	118.4	113.0	112.4
-35°	98.6	103.2	107.3	111.5	115.5	119.2	124.1	132.2	139.3	136.0	129.6
-37.5°	92.8	98.0	102.3	106.0	109.1	111.4	114.7	117.9	122.8	133.6	141.4
-40°	82.6	91.3	96.4	100.7	103.9	106.2	108.1	110.4	116.3	124.2	132.5
-42.5°	70.7	79.3	88.5	94.2	97.9	100.1	101.7	103.1	111.9	119.5	125.6
-45°	61.0	67.8	74.4	82.7	89.6	92.1	94.2	98.0	105.2	113.1	120.4
-47.5°	53.6	58.4	63.9	69.1	73.3	78.4	82.6	88.7	95.3	101.9	108.4
-50°	47.3	51.2	55.4	58.8	61.4	64.1	66.7	72.5	79.4	86.2	94.4
-52.5°	41.8	45.4	48.6	50.3	51.9	53.1	54.5	59.3	64.1	68.6	76.8
-55°	38.0	40.7	43.3	44.0	44.5	44.7	46.0	49.4	52.8	56.0	64.6
-57.5°	34.3	36.6	38.5	38.6	38.6	38.4	39.9	42.4	44.8	47.5	55.5
-60°	30.1	32.5	33.5	33.5	33.4	33.1	34.9	37.0	39.0	42.2	49.4
-62.5°	25.3	28.1	28.7	28.5	28.3	28.0	30.6	32.9	34.9	38.9	46.4
-65°	19.8	22.0	22.9	23.3	23.2	23.5	27.1	30.2	32.9	40.4	52.7
-67.5°	16.7	17.1	17.2	17.3	17.6	19.6	25.0	29.7	33.7	44.1	61.9
-70°	13.3	13.6	13.6	13.6	13.6	15.8	21.2	26.9	33.0	37.2	40.4
-72.5°	9.8	10.1	10.0	9.9	9.8	11.5	14.7	18.3	22.2	23.9	24.7
-75°	6.4	6.8	6.9	6.9	6.8	7.7	9.1	10.7	12.3	13.2	13.8
-77.5°	4.2	4.4	4.4	4.3	4.2	4.9	5.7	6.5	7.4	8.0	8.5
-80°	2.1	2.3	2.3	2.3	2.2	2.5	2.9	3.3	3.7	3.8	3.9
-82.5°	0.6	0.7	0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.3	1.3
-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: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2
80°	4.0	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.7	3.3
77.5°	9.0	9.5	8.9	8.2	8.9	9.5	9.0	8.5	8.0	7.4	6.5
75°	14.4	14.9	14.3	13.7	14.3	14.9	14.4	13.8	13.2	12.3	10.7
72.5°	25.3	25.7	25.3	24.6	25.3	25.7	25.3	24.7	23.9	22.2	18.3
70°	43.7	46.9	45.8	43.8	45.8	46.9	43.7	40.4	37.2	33.0	26.9
67.5°	81.9	103.0	105.7	104.0	105.7	103.0	81.9	61.9	44.1	33.7	29.7
65°	63.8	74.4	78.6	82.1	78.6	74.4	63.8	52.7	40.4	32.9	30.2
62.5°	53.1	59.4	60.4	60.2	60.4	59.4	53.1	46.4	38.9	34.9	32.9
60°	56.6	63.6	63.9	61.6	63.9	63.6	56.6	49.4	42.2	39.0	37.0
57.5°	63.4	71.2	72.6	71.1	72.6	71.2	63.4	55.5	47.5	44.8	42.4
55°	73.1	81.4	84.1	83.4	84.1	81.4	73.1	64.6	56.0	52.8	49.4
52.5°	85.4	93.4	95.9	94.4	95.9	93.4	85.4	76.8	68.6	64.1	59.3
50°	102.6	109.8	112.7	112.2	112.7	109.8	102.6	94.4	86.2	79.4	72.5
47.5°	114.1	119.0	121.5	121.7	121.5	119.0	114.1	108.4	101.9	95.3	88.7
45°	124.2	127.0	128.0	127.2	128.0	127.0	124.2	120.4	113.1	105.2	98.0
42.5°	129.3	133.6	136.2	135.4	136.2	133.6	129.3	125.6	119.5	111.9	103.1
40°	139.0	144.8	150.9	158.7	150.9	144.8	139.0	132.5	124.2	116.3	110.4
37.5°	148.2	155.4	164.9	183.3	164.9	155.4	148.2	141.4	133.6	122.8	117.9
35°	125.1	122.3	120.4	119.0	120.4	122.3	125.1	129.6	136.0	139.3	132.2
32.5°	111.9	109.6	107.1	106.7	107.1	109.6	111.9	112.4	113.0	118.4	129.9
30°	121.5	120.3	117.2	116.3	117.2	120.3	121.5	116.1	109.8	109.0	111.5
27.5°	147.4	153.9	159.3	158.7	159.3	153.9	147.4	135.0	122.9	115.4	107.1
25°	207.3	218.0	223.6	225.7	223.6	218.0	207.3	185.8	159.6	135.1	119.3
22.5°	251.4	259.5	264.8	265.4	264.8	259.5	251.4	239.3	215.7	182.4	147.5
20°	299.1	312.8	320.3	324.2	320.3	312.8	299.1	278.4	254.5	229.5	196.1
17.5°	364.4	390.6	407.1	411.1	407.1	390.6	364.4	330.6	299.3	266.1	235.8
15°	463.6	515.9	551.2	569.0	551.2	515.9	463.6	408.9	356.2	310.8	268.1
12.5°	638.3	760.2	851.1	866.5	851.1	760.2	638.3	518.6	430.6	361.8	306.1
10°	942.4	1222.5	1476.9	1512.8	1476.9	1222.5	942.4	700.3	529.2	419.4	342.1
7.5°	1495.2	2365.8	3455.7	3888.0	3455.7	2365.8	1495.2	971.6	656.3	481.5	382.2
5°	2497.9	6357.7	16431.1	19785.5	16431.1	6357.7	2497.9	1291.2	803.5	546.7	413.3
2.5°	3906.8	21041.2	67000.1	84872.6	67000.1	21041.2	3906.8	1660.5	927.5	596.6	437.1
0°	4887.2	27825.6	90837.0	111957.5	90837.0	27825.6	4887.2	1778.2	979.3	603.2	443.2
-2.5°	3906.8	21041.2	67000.1	84872.6	67000.1	21041.2	3906.8	1660.5	927.5	596.6	437.1
-5°	2497.9	6357.7	16431.1	19785.5	16431.1	6357.7	2497.9	1291.2	803.5	546.7	413.3
-7.5°	1495.2	2365.8	3455.7	3888.0	3455.7	2365.8	1495.2	971.6	656.3	481.5	382.2
-10°	942.4	1222.5	1476.9	1512.8	1476.9	1222.5	942.4	700.3	529.2	419.4	342.1
-12.5°	638.3	760.2	851.1	866.5	851.1	760.2	638.3	518.6	430.6	361.8	306.1
-15°	463.6	515.9	551.2	569.0	551.2	515.9	463.6	408.9	356.2	310.8	268.1
-17.5°	364.4	390.6	407.1	411.1	407.1	390.6	364.4	330.6	299.3	266.1	235.8
-20°	299.1	312.8	320.3	324.2	320.3	312.8	299.1	278.4	254.5	229.5	196.1



REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	251.4	259.5	264.8	265.4	264.8	259.5	251.4	239.3	215.7	182.4	147.5
-25°	207.3	218.0	223.6	225.7	223.6	218.0	207.3	185.8	159.6	135.1	119.3
-27.5°	147.4	153.9	159.3	158.7	159.3	153.9	147.4	135.0	122.9	115.4	107.1
-30°	121.5	120.3	117.2	116.3	117.2	120.3	121.5	116.1	109.8	109.0	111.5
-32.5°	111.9	109.6	107.1	106.7	107.1	109.6	111.9	112.4	113.0	118.4	129.9
-35°	125.1	122.3	120.4	119.0	120.4	122.3	125.1	129.6	136.0	139.3	132.2
-37.5°	148.2	155.4	164.9	183.3	164.9	155.4	148.2	141.4	133.6	122.8	117.9
-40°	139.0	144.8	150.9	158.7	150.9	144.8	139.0	132.5	124.2	116.3	110.4
-42.5°	129.3	133.6	136.2	135.4	136.2	133.6	129.3	125.6	119.5	111.9	103.1
-45°	124.2	127.0	128.0	127.2	128.0	127.0	124.2	120.4	113.1	105.2	98.0
-47.5°	114.1	119.0	121.5	121.7	121.5	119.0	114.1	108.4	101.9	95.3	88.7
-50°	102.6	109.8	112.7	112.2	112.7	109.8	102.6	94.4	86.2	79.4	72.5
-52.5°	85.4	93.4	95.9	94.4	95.9	93.4	85.4	76.8	68.6	64.1	59.3
-55°	73.1	81.4	84.1	83.4	84.1	81.4	73.1	64.6	56.0	52.8	49.4
-57.5°	63.4	71.2	72.6	71.1	72.6	71.2	63.4	55.5	47.5	44.8	42.4
-60°	56.6	63.6	63.9	61.6	63.9	63.6	56.6	49.4	42.2	39.0	37.0
-62.5°	53.1	59.4	60.4	60.2	60.4	59.4	53.1	46.4	38.9	34.9	32.9
-65°	63.8	74.4	78.6	82.1	78.6	74.4	63.8	52.7	40.4	32.9	30.2
-67.5°	81.9	103.0	105.7	104.0	105.7	103.0	81.9	61.9	44.1	33.7	29.7
-70°	43.7	46.9	45.8	43.8	45.8	46.9	43.7	40.4	37.2	33.0	26.9
-72.5°	25.3	25.7	25.3	24.6	25.3	25.7	25.3	24.7	23.9	22.2	18.3
-75°	14.4	14.9	14.3	13.7	14.3	14.9	14.4	13.8	13.2	12.3	10.7
-77.5°	9.0	9.5	8.9	8.2	8.9	9.5	9.0	8.5	8.0	7.4	6.5
-80°	4.0	4.1	4.1	4.1	4.1	4.1	4.0	3.9	3.8	3.7	3.3
-82.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.2
-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: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	0.3	0.2
80°	2.9	2.5	2.2	2.3	2.3	2.3	2.1	1.8	1.5	1.3	1.2
77.5°	5.7	4.9	4.2	4.3	4.4	4.4	4.2	3.6	3.0	2.4	2.1
75°	9.1	7.7	6.8	6.9	6.9	6.8	6.4	5.6	4.8	4.0	3.5
72.5°	14.7	11.5	9.8	9.9	10.0	10.1	9.8	9.0	7.9	6.5	5.6
70°	21.2	15.8	13.6	13.6	13.6	13.6	13.3	12.9	12.2	11.2	9.6
67.5°	25.0	19.6	17.6	17.3	17.2	17.1	16.7	16.5	16.1	15.3	13.4
65°	27.1	23.5	23.2	23.3	22.9	22.0	19.8	18.7	18.2	18.0	16.4
62.5°	30.6	28.0	28.3	28.5	28.7	28.1	25.3	22.6	20.5	19.0	18.1
60°	34.9	33.1	33.4	33.5	33.5	32.5	30.1	27.2	23.7	22.1	20.6
57.5°	39.9	38.4	38.6	38.6	38.5	36.6	34.3	32.3	29.3	26.6	24.2
55°	46.0	44.7	44.5	44.0	43.3	40.7	38.0	35.4	33.4	31.9	29.1
52.5°	54.5	53.1	51.9	50.3	48.6	45.4	41.8	38.8	36.7	35.2	33.4
50°	66.7	64.1	61.4	58.8	55.4	51.2	47.3	43.2	40.6	38.7	36.7
47.5°	82.6	78.4	73.3	69.1	63.9	58.4	53.6	49.1	45.6	42.5	40.2
45°	94.2	92.1	89.6	82.7	74.4	67.8	61.0	55.8	51.0	47.1	43.7
42.5°	101.7	100.1	97.9	94.2	88.5	79.3	70.7	63.7	57.3	52.0	47.1
40°	108.1	106.2	103.9	100.7	96.4	91.3	82.6	72.8	65.0	57.8	50.5
37.5°	114.7	111.4	109.1	106.0	102.3	98.0	92.8	84.1	73.4	63.8	54.8
35°	124.1	119.2	115.5	111.5	107.3	103.2	98.6	93.2	83.3	70.4	59.5
32.5°	141.5	133.0	126.6	120.5	112.6	107.6	103.2	98.2	91.5	78.3	65.3
30°	119.9	135.7	138.9	131.0	119.5	111.6	107.1	102.0	95.8	86.6	71.2
27.5°	109.6	115.3	132.6	139.0	125.7	115.8	110.2	104.9	99.8	91.8	78.8
25°	111.7	110.0	115.2	131.3	135.1	120.1	114.1	108.1	102.1	96.3	87.8
22.5°	123.4	113.8	110.0	115.0	134.6	130.7	118.5	112.0	105.2	102.7	94.5
20°	153.7	124.9	113.3	111.7	122.4	141.2	124.3	117.4	113.1	109.1	101.1
17.5°	197.7	150.2	122.9	111.8	116.9	133.0	135.1	125.4	120.0	116.6	108.1
15°	231.9	186.2	139.6	120.4	115.0	125.6	143.7	134.0	126.4	123.7	114.6
12.5°	258.9	218.0	163.3	128.8	116.0	121.7	141.0	141.9	133.6	127.4	119.9
10°	283.8	240.3	187.7	141.6	123.3	121.2	136.9	147.8	139.5	130.5	124.0
7.5°	310.7	256.7	207.2	153.2	127.3	119.5	134.1	153.7	145.2	133.7	127.1
5°	330.8	268.5	220.7	160.5	127.6	117.3	131.7	159.5	150.5	136.9	129.4
2.5°	341.1	274.3	229.6	166.8	126.2	115.1	130.6	171.0	158.2	138.5	129.1
0°	346.1	276.3	227.1	164.8	123.1	113.5	131.3	187.4	166.9	139.5	128.6
-2.5°	341.1	274.3	229.6	166.8	126.2	115.1	130.6	171.0	158.2	138.5	129.1
-5°	330.8	268.5	220.7	160.5	127.6	117.3	131.7	159.5	150.5	136.9	129.4
-7.5°	310.7	256.7	207.2	153.2	127.3	119.5	134.1	153.7	145.2	133.7	127.1
-10°	283.8	240.3	187.7	141.6	123.3	121.2	136.9	147.8	139.5	130.5	124.0
-12.5°	258.9	218.0	163.3	128.8	116.0	121.7	141.0	141.9	133.6	127.4	119.9
-15°	231.9	186.2	139.6	120.4	115.0	125.6	143.7	134.0	126.4	123.7	114.6
-17.5°	197.7	150.2	122.9	111.8	116.9	133.0	135.1	125.4	120.0	116.6	108.1
-20°	153.7	124.9	113.3	111.7	122.4	141.2	124.3	117.4	113.1	109.1	101.1



REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	123.4	113.8	110.0	115.0	134.6	130.7	118.5	112.0	105.2	102.7	94.5
-25°	111.7	110.0	115.2	131.3	135.1	120.1	114.1	108.1	102.1	96.3	87.8
-27.5°	109.6	115.3	132.6	139.0	125.7	115.8	110.2	104.9	99.8	91.8	78.8
-30°	119.9	135.7	138.9	131.0	119.5	111.6	107.1	102.0	95.8	86.6	71.2
-32.5°	141.5	133.0	126.6	120.5	112.6	107.6	103.2	98.2	91.5	78.3	65.3
-35°	124.1	119.2	115.5	111.5	107.3	103.2	98.6	93.2	83.3	70.4	59.5
-37.5°	114.7	111.4	109.1	106.0	102.3	98.0	92.8	84.1	73.4	63.8	54.8
-40°	108.1	106.2	103.9	100.7	96.4	91.3	82.6	72.8	65.0	57.8	50.5
-42.5°	101.7	100.1	97.9	94.2	88.5	79.3	70.7	63.7	57.3	52.0	47.1
-45°	94.2	92.1	89.6	82.7	74.4	67.8	61.0	55.8	51.0	47.1	43.7
-47.5°	82.6	78.4	73.3	69.1	63.9	58.4	53.6	49.1	45.6	42.5	40.2
-50°	66.7	64.1	61.4	58.8	55.4	51.2	47.3	43.2	40.6	38.7	36.7
-52.5°	54.5	53.1	51.9	50.3	48.6	45.4	41.8	38.8	36.7	35.2	33.4
-55°	46.0	44.7	44.5	44.0	43.3	40.7	38.0	35.4	33.4	31.9	29.1
-57.5°	39.9	38.4	38.6	38.6	38.5	36.6	34.3	32.3	29.3	26.6	24.2
-60°	34.9	33.1	33.4	33.5	33.5	32.5	30.1	27.2	23.7	22.1	20.6
-62.5°	30.6	28.0	28.3	28.5	28.7	28.1	25.3	22.6	20.5	19.0	18.1
-65°	27.1	23.5	23.2	23.3	22.9	22.0	19.8	18.7	18.2	18.0	16.4
-67.5°	25.0	19.6	17.6	17.3	17.2	17.1	16.7	16.5	16.1	15.3	13.4
-70°	21.2	15.8	13.6	13.6	13.6	13.6	13.3	12.9	12.2	11.2	9.6
-72.5°	14.7	11.5	9.8	9.9	10.0	10.1	9.8	9.0	7.9	6.5	5.6
-75°	9.1	7.7	6.8	6.9	6.9	6.8	6.4	5.6	4.8	4.0	3.5
-77.5°	5.7	4.9	4.2	4.3	4.4	4.4	4.2	3.6	3.0	2.4	2.1
-80°	2.9	2.5	2.2	2.3	2.3	2.3	2.1	1.8	1.5	1.3	1.2
-82.5°	1.1	1.1	1.0	0.9	0.8	0.7	0.6	0.5	0.4	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: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	0.5	0.6	0.5	0.5	0.4
85°	0.1	0.2	0.2	0.2	0.4	0.7	1.0	1.2	1.1	1.0	0.8
82.5°	0.4	0.7	0.9	1.0	1.0	1.1	1.2	1.4	1.4	1.4	1.3
80°	1.1	1.1	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
77.5°	2.0	1.8	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
75°	3.3	3.2	3.0	2.5	1.9	1.4	1.4	1.5	1.5	1.4	1.4
72.5°	5.5	5.2	4.8	4.0	3.3	2.6	1.9	1.5	1.7	1.7	1.5
70°	8.4	7.6	7.2	6.0	4.8	3.9	3.1	2.4	1.9	1.9	1.8
67.5°	11.6	10.1	9.2	7.8	6.2	5.0	4.2	3.4	2.7	2.2	2.1
65°	14.1	12.3	10.8	9.1	7.5	6.0	4.8	4.3	3.5	2.9	2.5
62.5°	16.4	14.1	12.2	10.5	8.7	7.0	5.4	5.1	4.3	3.5	2.9
60°	18.7	16.6	14.0	12.1	10.1	8.1	6.6	6.0	5.3	4.0	3.3
57.5°	22.3	19.7	16.7	13.9	11.7	9.4	8.0	7.3	6.3	4.9	3.7
55°	26.3	23.4	19.5	16.2	13.5	11.0	9.6	8.6	7.4	6.0	4.1
52.5°	30.7	26.9	22.6	18.6	15.3	12.9	11.8	10.0	8.8	7.2	5.2
50°	34.4	30.0	25.5	21.2	17.1	15.4	14.0	12.1	10.1	8.4	6.4
47.5°	37.0	32.7	28.1	23.5	19.3	18.3	16.7	14.3	11.5	9.6	7.5
45°	39.4	34.9	30.4	25.7	22.3	21.2	19.8	16.6	13.6	11.0	8.8
42.5°	41.7	37.0	32.3	27.6	25.2	23.9	23.0	19.6	15.7	12.4	10.0
40°	44.5	39.0	34.1	30.1	27.9	26.4	25.5	22.8	17.9	14.1	11.3
37.5°	47.1	41.2	35.9	32.7	30.4	28.7	27.6	26.2	20.6	16.2	12.6
35°	50.8	43.5	38.6	35.2	32.6	30.7	29.6	29.0	23.8	18.4	13.9
32.5°	54.4	46.7	41.8	37.7	34.5	32.6	31.4	31.6	27.1	20.6	15.3
30°	59.4	51.4	44.9	40.2	36.3	34.2	34.0	35.2	30.4	22.7	16.7
27.5°	66.1	56.3	48.2	42.8	38.4	35.8	38.1	39.6	33.7	25.1	18.5
25°	73.0	61.9	52.5	45.4	40.5	39.8	42.2	44.7	37.2	27.8	20.2
22.5°	80.8	67.5	56.9	47.8	45.1	43.5	46.0	48.5	41.2	30.5	21.9
20°	88.2	72.7	61.8	53.7	50.0	47.9	49.7	52.2	45.5	33.1	23.6
17.5°	94.9	79.4	68.9	60.3	55.1	52.2	53.1	55.9	50.2	35.6	25.1
15°	102.3	87.8	75.7	66.6	60.1	56.3	56.5	59.6	55.1	38.0	26.3
12.5°	109.2	95.7	82.1	72.4	65.1	60.4	59.8	63.2	60.1	39.7	27.0
10°	115.0	102.8	88.1	77.9	70.0	64.4	63.0	65.6	62.1	40.7	27.6
7.5°	120.1	109.4	93.7	83.0	74.1	66.4	63.2	65.3	63.3	41.4	28.1
5°	123.5	113.2	96.6	84.2	74.3	66.3	63.0	65.0	64.1	42.0	28.4
2.5°	122.8	113.0	97.7	84.6	74.2	66.0	62.9	64.6	64.4	42.3	28.6
0°	121.7	112.2	98.5	84.8	73.9	65.7	62.9	64.3	64.3	42.4	28.7
-2.5°	122.8	113.0	97.7	84.6	74.2	66.0	62.9	64.6	64.4	42.3	28.6
-5°	123.5	113.2	96.6	84.2	74.3	66.3	63.0	65.0	64.1	42.0	28.4
-7.5°	120.1	109.4	93.7	83.0	74.1	66.4	63.2	65.3	63.3	41.4	28.1
-10°	115.0	102.8	88.1	77.9	70.0	64.4	63.0	65.6	62.1	40.7	27.6
-12.5°	109.2	95.7	82.1	72.4	65.1	60.4	59.8	63.2	60.1	39.7	27.0
-15°	102.3	87.8	75.7	66.6	60.1	56.3	56.5	59.6	55.1	38.0	26.3
-17.5°	94.9	79.4	68.9	60.3	55.1	52.2	53.1	55.9	50.2	35.6	25.1
-20°	88.2	72.7	61.8	53.7	50.0	47.9	49.7	52.2	45.5	33.1	23.6



REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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°	80.8	67.5	56.9	47.8	45.1	43.5	46.0	48.5	41.2	30.5	21.9
-25°	73.0	61.9	52.5	45.4	40.5	39.8	42.2	44.7	37.2	27.8	20.2
-27.5°	66.1	56.3	48.2	42.8	38.4	35.8	38.1	39.6	33.7	25.1	18.5
-30°	59.4	51.4	44.9	40.2	36.3	34.2	34.0	35.2	30.4	22.7	16.7
-32.5°	54.4	46.7	41.8	37.7	34.5	32.6	31.4	31.6	27.1	20.6	15.3
-35°	50.8	43.5	38.6	35.2	32.6	30.7	29.6	29.0	23.8	18.4	13.9
-37.5°	47.1	41.2	35.9	32.7	30.4	28.7	27.6	26.2	20.6	16.2	12.6
-40°	44.5	39.0	34.1	30.1	27.9	26.4	25.5	22.8	17.9	14.1	11.3
-42.5°	41.7	37.0	32.3	27.6	25.2	23.9	23.0	19.6	15.7	12.4	10.0
-45°	39.4	34.9	30.4	25.7	22.3	21.2	19.8	16.6	13.6	11.0	8.8
-47.5°	37.0	32.7	28.1	23.5	19.3	18.3	16.7	14.3	11.5	9.6	7.5
-50°	34.4	30.0	25.5	21.2	17.1	15.4	14.0	12.1	10.1	8.4	6.4
-52.5°	30.7	26.9	22.6	18.6	15.3	12.9	11.8	10.0	8.8	7.2	5.2
-55°	26.3	23.4	19.5	16.2	13.5	11.0	9.6	8.6	7.4	6.0	4.1
-57.5°	22.3	19.7	16.7	13.9	11.7	9.4	8.0	7.3	6.3	4.9	3.7
-60°	18.7	16.6	14.0	12.1	10.1	8.1	6.6	6.0	5.3	4.0	3.3
-62.5°	16.4	14.1	12.2	10.5	8.7	7.0	5.4	5.1	4.3	3.5	2.9
-65°	14.1	12.3	10.8	9.1	7.5	6.0	4.8	4.3	3.5	2.9	2.5
-67.5°	11.6	10.1	9.2	7.8	6.2	5.0	4.2	3.4	2.7	2.2	2.1
-70°	8.4	7.6	7.2	6.0	4.8	3.9	3.1	2.4	1.9	1.9	1.8
-72.5°	5.5	5.2	4.8	4.0	3.3	2.6	1.9	1.5	1.7	1.7	1.5
-75°	3.3	3.2	3.0	2.5	1.9	1.4	1.4	1.5	1.5	1.4	1.4
-77.5°	2.0	1.8	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
-80°	1.1	1.1	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
-82.5°	0.4	0.7	0.9	1.0	1.0	1.1	1.2	1.4	1.4	1.4	1.3
-85°	0.1	0.2	0.2	0.2	0.4	0.7	1.0	1.2	1.1	1.0	0.8
-87.5°	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6	0.5	0.5	0.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-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	0.2	0.2	0.1	0.1	0.0
85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
80°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
77.5°	1.4	1.4	1.2	0.9	0.6	0.3	0.0
75°	1.4	1.4	1.4	1.1	0.7	0.4	0.0
72.5°	1.4	1.4	1.4	1.3	0.8	0.4	0.0
70°	1.4	1.4	1.4	1.4	1.0	0.5	0.0
67.5°	1.8	1.4	1.4	1.4	1.1	0.5	0.0
65°	2.1	1.5	1.4	1.4	1.2	0.6	0.0
62.5°	2.4	1.8	1.4	1.4	1.3	0.6	0.0
60°	2.7	2.0	1.4	1.4	1.4	0.7	0.0
57.5°	3.0	2.3	1.6	1.4	1.4	0.8	0.0
55°	3.4	2.5	1.8	1.4	1.4	0.8	0.0
52.5°	3.8	2.8	2.0	1.4	1.4	0.9	0.0
50°	4.3	3.1	2.1	1.4	1.4	0.9	0.0
47.5°	4.8	3.5	2.3	1.4	1.4	0.9	0.0
45°	5.8	3.9	2.5	1.6	1.4	1.0	0.0
42.5°	6.9	4.3	2.6	1.7	1.4	1.0	0.0
40°	8.0	4.6	2.8	1.8	1.4	1.1	0.0
37.5°	9.1	5.0	3.1	1.9	1.4	1.1	0.0
35°	10.2	5.7	3.4	2.0	1.4	1.1	0.0
32.5°	11.2	6.6	3.7	2.1	1.4	1.2	0.0
30°	12.3	7.4	4.0	2.2	1.4	1.2	0.0
27.5°	13.4	8.2	4.2	2.3	1.4	1.2	0.0
25°	14.4	9.0	4.3	2.3	1.4	1.3	0.0
22.5°	15.5	9.6	4.4	2.4	1.4	1.3	0.0
20°	16.4	9.8	4.5	2.5	1.4	1.3	0.0
17.5°	17.0	9.9	4.5	2.5	1.4	1.3	0.0
15°	17.3	9.9	4.5	2.6	1.4	1.4	0.0
12.5°	17.5	9.8	4.5	2.6	1.4	1.4	0.0
10°	17.7	9.6	4.5	2.6	1.4	1.4	0.0
7.5°	17.9	9.3	4.4	2.7	1.4	1.4	0.0
5°	17.9	9.0	4.3	2.7	1.4	1.4	0.0
2.5°	17.9	8.6	4.2	2.7	1.4	1.4	0.0
0°	17.8	8.2	4.1	2.7	1.4	1.4	0.0
-2.5°	17.9	8.6	4.2	2.7	1.4	1.4	0.0
-5°	17.9	9.0	4.3	2.7	1.4	1.4	0.0
-7.5°	17.9	9.3	4.4	2.7	1.4	1.4	0.0
-10°	17.7	9.6	4.5	2.6	1.4	1.4	0.0
-12.5°	17.5	9.8	4.5	2.6	1.4	1.4	0.0
-15°	17.3	9.9	4.5	2.6	1.4	1.4	0.0
-17.5°	17.0	9.9	4.5	2.5	1.4	1.3	0.0
-20°	16.4	9.8	4.5	2.5	1.4	1.3	0.0



REPORT NUMBER: P561393 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4B-AMB-U-TSB-BK

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	15.5	9.6	4.4	2.4	1.4	1.3	0.0
-25°	14.4	9.0	4.3	2.3	1.4	1.3	0.0
-27.5°	13.4	8.2	4.2	2.3	1.4	1.2	0.0
-30°	12.3	7.4	4.0	2.2	1.4	1.2	0.0
-32.5°	11.2	6.6	3.7	2.1	1.4	1.2	0.0
-35°	10.2	5.7	3.4	2.0	1.4	1.1	0.0
-37.5°	9.1	5.0	3.1	1.9	1.4	1.1	0.0
-40°	8.0	4.6	2.8	1.8	1.4	1.1	0.0
-42.5°	6.9	4.3	2.6	1.7	1.4	1.0	0.0
-45°	5.8	3.9	2.5	1.6	1.4	1.0	0.0
-47.5°	4.8	3.5	2.3	1.4	1.4	0.9	0.0
-50°	4.3	3.1	2.1	1.4	1.4	0.9	0.0
-52.5°	3.8	2.8	2.0	1.4	1.4	0.9	0.0
-55°	3.4	2.5	1.8	1.4	1.4	0.8	0.0
-57.5°	3.0	2.3	1.6	1.4	1.4	0.8	0.0
-60°	2.7	2.0	1.4	1.4	1.4	0.7	0.0
-62.5°	2.4	1.8	1.4	1.4	1.3	0.6	0.0
-65°	2.1	1.5	1.4	1.4	1.2	0.6	0.0
-67.5°	1.8	1.4	1.4	1.4	1.1	0.5	0.0
-70°	1.4	1.4	1.4	1.4	1.0	0.5	0.0
-72.5°	1.4	1.4	1.4	1.3	0.8	0.4	0.0
-75°	1.4	1.4	1.4	1.1	0.7	0.4	0.0
-77.5°	1.4	1.4	1.2	0.9	0.6	0.3	0.0
-80°	1.4	1.2	1.0	0.7	0.5	0.2	0.0
-82.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0
-85°	0.7	0.6	0.5	0.4	0.2	0.1	0.0
-87.5°	0.4	0.3	0.2	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)